

# Summary of product characteristics for a biocidal product family

**Family name:** Sea1

**Product type(s):** PT21 - Antifouling products (Other biocidal products)

**Authorisation number:** NO-2023-0253

**R4BP 3 asset reference number:** NO-0022018-0000

## Table Of Contents

Part I.- First information level	1
1. Administrative information	1
2. Product family composition and formulation	3
Part II.- Second information level - meta SPC(s)	4
1. Meta SPC administrative information - <b>Sea1-Meta1</b>	4
2. Meta SPC composition	4
3. Hazard and precautionary statements of the meta SPC	5
4. Authorised use(s) of the meta SPC	6
5. General directions for use of the meta SPC	11
6. Other information	12
7. Third information level: individual products in the meta SPC	12
1. Meta SPC administrative information - <b>Sea1-Meta2</b>	15
2. Meta SPC composition	15
3. Hazard and precautionary statements of the meta SPC	16
4. Authorised use(s) of the meta SPC	17
5. General directions for use of the meta SPC	21
6. Other information	23
7. Third information level: individual products in the meta SPC	23
1. Meta SPC administrative information - <b>Sea1-Meta3</b>	24
2. Meta SPC composition	25
3. Hazard and precautionary statements of the meta SPC	25
4. Authorised use(s) of the meta SPC	26
5. General directions for use of the meta SPC	31
6. Other information	32
7. Third information level: individual products in the meta SPC	33
1. Meta SPC administrative information - <b>Sea1-Meta4</b>	34
2. Meta SPC composition	34
3. Hazard and precautionary statements of the meta SPC	35

4. Authorised use(s) of the meta SPC	36
5. General directions for use of the meta SPC	41
6. Other information	42
7. Third information level: individual products in the meta SPC	42
1. Meta SPC administrative information - <b>Sea1-Meta5</b>	43
2. Meta SPC composition	44
3. Hazard and precautionary statements of the meta SPC	44
4. Authorised use(s) of the meta SPC	45
5. General directions for use of the meta SPC	48
6. Other information	49
7. Third information level: individual products in the meta SPC	49
1. Meta SPC administrative information - <b>Sea1-Meta6</b>	51
2. Meta SPC composition	51
3. Hazard and precautionary statements of the meta SPC	52
4. Authorised use(s) of the meta SPC	53
5. General directions for use of the meta SPC	55
6. Other information	57
7. Third information level: individual products in the meta SPC	57
1. Meta SPC administrative information - <b>Sea1-Meta7</b>	60
2. Meta SPC composition	61
3. Hazard and precautionary statements of the meta SPC	61
4. Authorised use(s) of the meta SPC	62
5. General directions for use of the meta SPC	67
6. Other information	68
7. Third information level: individual products in the meta SPC	68
1. Meta SPC administrative information - <b>Sea1-Meta8</b>	70
2. Meta SPC composition	70
3. Hazard and precautionary statements of the meta SPC	71
4. Authorised use(s) of the meta SPC	72
5. General directions for use of the meta SPC	77

6. Other information	78
7. Third information level: individual products in the meta SPC	78
1. Meta SPC administrative information - <b>Sea1-Meta9</b>	80
2. Meta SPC composition	81
3. Hazard and precautionary statements of the meta SPC	81
4. Authorised use(s) of the meta SPC	82
5. General directions for use of the meta SPC	87
6. Other information	88
7. Third information level: individual products in the meta SPC	88
1. Meta SPC administrative information - <b>Sea1-Meta10</b>	89
2. Meta SPC composition	89
3. Hazard and precautionary statements of the meta SPC	90
4. Authorised use(s) of the meta SPC	91
5. General directions for use of the meta SPC	93
6. Other information	95
7. Third information level: individual products in the meta SPC	95
1. Meta SPC administrative information - <b>Sea1-Meta11</b>	96
2. Meta SPC composition	96
3. Hazard and precautionary statements of the meta SPC	97
4. Authorised use(s) of the meta SPC	97
5. General directions for use of the meta SPC	102
6. Other information	103
7. Third information level: individual products in the meta SPC	104
1. Meta SPC administrative information - <b>Sea1-Meta12</b>	104
2. Meta SPC composition	105
3. Hazard and precautionary statements of the meta SPC	106
4. Authorised use(s) of the meta SPC	107
5. General directions for use of the meta SPC	111
6. Other information	112
7. Third information level: individual products in the meta SPC	113

1. Meta SPC administrative information - <b>Sea1-Meta13</b>	114
2. Meta SPC composition	114
3. Hazard and precautionary statements of the meta SPC	115
4. Authorised use(s) of the meta SPC	115
5. General directions for use of the meta SPC	118
6. Other information	119
7. Third information level: individual products in the meta SPC	119
1. Meta SPC administrative information - <b>Sea1-Meta14</b>	120
2. Meta SPC composition	121
3. Hazard and precautionary statements of the meta SPC	121
4. Authorised use(s) of the meta SPC	122
5. General directions for use of the meta SPC	125
6. Other information	126
7. Third information level: individual products in the meta SPC	126
1. Meta SPC administrative information - <b>Sea1-Meta15</b>	127
2. Meta SPC composition	127
3. Hazard and precautionary statements of the meta SPC	128
4. Authorised use(s) of the meta SPC	129
5. General directions for use of the meta SPC	131
6. Other information	133
7. Third information level: individual products in the meta SPC	133
1. Meta SPC administrative information - <b>Sea1-Meta16</b>	134
2. Meta SPC composition	134
3. Hazard and precautionary statements of the meta SPC	135
4. Authorised use(s) of the meta SPC	136
5. General directions for use of the meta SPC	141
6. Other information	142
7. Third information level: individual products in the meta SPC	142
1. Meta SPC administrative information - <b>Sea1-Meta17</b>	144
2. Meta SPC composition	144

3. Hazard and precautionary statements of the meta SPC	145
4. Authorised use(s) of the meta SPC	146
5. General directions for use of the meta SPC	150
6. Other information	152
7. Third information level: individual products in the meta SPC	152
1. Meta SPC administrative information - <b>Sea1-Meta18</b>	153
2. Meta SPC composition	154
3. Hazard and precautionary statements of the meta SPC	154
4. Authorised use(s) of the meta SPC	155
5. General directions for use of the meta SPC	160
6. Other information	162
7. Third information level: individual products in the meta SPC	162
1. Meta SPC administrative information - <b>Sea1-Meta19</b>	163
2. Meta SPC composition	163
3. Hazard and precautionary statements of the meta SPC	164
4. Authorised use(s) of the meta SPC	165
5. General directions for use of the meta SPC	170
6. Other information	171
7. Third information level: individual products in the meta SPC	171
1. Meta SPC administrative information - <b>Sea1-Meta20</b>	172
2. Meta SPC composition	173
3. Hazard and precautionary statements of the meta SPC	173
4. Authorised use(s) of the meta SPC	174
5. General directions for use of the meta SPC	179
6. Other information	181
7. Third information level: individual products in the meta SPC	181

## Part I.- First information level

### 1. Administrative information

#### 1.1. Family name

Sea1

#### 1.2. Product type(s)

PT21 - Antifouling products (Other biocidal products)

#### 1.3. Authorisation holder

**Name and address of the authorisation holder**

Name	Jotun A/S
Address	P.O.Box 2021 NO-3202 Sandefjord Norway

**Authorisation number**

NO-2023-0253

**R4BP 3 asset reference number**

NO-0022018-0000

**Date of the authorisation**

21/09/2023

**Expiry date of the authorisation**

21/09/2033

#### 1.4. Manufacturer(s) of the biocidal products

**Name of the manufacturer**

Jotun A/S

**Address of the manufacturer**

P.O. Box 2021 NO-3202 Sandefjord Norway

**Location of manufacturing sites**

Industriveien 70 3219 Sandefjord Norway

<b>Name of the manufacturer</b>	Jotun Paints (Europe) Ltd.
<b>Address of the manufacturer</b>	Stather Road, Flixborough, Scunthorpe DN15 8RR North Lincolnshire United Kingdom
<b>Location of manufacturing sites</b>	Stather Road, Flixborough, Scunthorpe DN15 8RR North Lincolnshire United Kingdom

<b>Name of the manufacturer</b>	Jotun Ibercia S.A.
<b>Address of the manufacturer</b>	Poligon Industrial Santa Rita Calle Estàtica, no 3 08755 Castellbisbal Barcelona Spain
<b>Location of manufacturing sites</b>	Poligon Industrial Santa Rita Calle Estàtica, no 3 08755 Castellbisbal Barcelona Spain

<b>Name of the manufacturer</b>	Jotun Boya San. ve Ticaret A.S.
<b>Address of the manufacturer</b>	Balabandere Caddesi Hilpark Suites Sitesi No. 10, Istinye 34460 Sariver - Istanbul Turkey
<b>Location of manufacturing sites</b>	Balabandere Caddesi Hilpark Suites Sitesi No. 10, Istinye 34460 Sariver - Istanbul Turkey

#### 1.5. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	1289 - Dicopper oxide
<b>Name of the manufacturer</b>	RCL Ireland (Acting for American Chemet Corporation (United States)) Ireland
<b>Address of the manufacturer</b>	145 Hwy 282 MT 59635 East Helena United States
<b>Location of manufacturing sites</b>	American Chemet Corporation 145 Hwy 282 East Helena United States



<b>Active substance</b>	1289 - Dicopper oxide
<b>Name of the manufacturer</b>	Nordox
<b>Address of the manufacturer</b>	Ostensjoveien 13 N-0661 Oslo Norway
<b>Location of manufacturing sites</b>	Ostensjoveien 13 N-0661 Oslo Norway
<b>Active substance</b>	1289 - Dicopper oxide
<b>Name of the manufacturer</b>	Cosaco GmbH
<b>Address of the manufacturer</b>	Singapurstrasse 1 20457 Hamburg Germany
<b>Location of manufacturing sites</b>	c/o Aurubis AG, Hovestrasse 50 20539 Hamburg Germany

## 2. Product family composition and formulation

### 2.1. Qualitative and quantitative information on the composition of the family

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01 - 50
Xylenes		Non-active substance	1330-20-7	215-535-7	0 - 15,77
Ethylbenzene		Non-active substance	100-41-4	202-849-4	0 - 5,26
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	0 - 25
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	0 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	0 - 10,04
Zinc oxide		Non-active substance	1314-13-2	215-222-5	6,96 - 25
Tetraethyl silicate	Tetraethyl silicate	Non-active substance	78-10-4	201-083-8	0 - 0,7
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	0 - 2,39
Maleic anhydride		Non-active substance	108-31-6	203-571-6	0 - 0,002

## 2.2. Type(s) of formulation

AL - Any other liquid

## Part II.- Second information level - meta SPC(s)

### 1. Meta SPC administrative information

#### 1.1. Meta SPC identifier

Sea1-Meta1

#### 1.2. Suffix to the authorisation number

1-1

#### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	19,72 - 24,99
Xylenes		Non-active substance	1330-20-7	215-535-7	4,28 - 6,32
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,43 - 2,11
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	5 - 13,1
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 4,8

Rosin		Non-active substance	8050-09-7	232-475-7	8,5 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,34 - 21
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,4 - 2,08

## 2.2. Type(s) of formulation of the meta SPC

**Formulation(s)**

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

**Hazard statements**

Flammable liquid and vapour.  
 Causes serious eye damage.  
 May cause an allergic skin reaction.  
 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read carefully and follow all instructions.  
 Wear protective gloves.  
 Wear eye or face protection.  
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
 Avoid release to the environment.  
 Avoid breathing vapours.  
 Collect spillage.  
 Take off contaminated clothing. And wash it before reuse.  
 IF ON SKIN: Wash with plenty of water.  
 If skin irritation or rash occurs: Get medical attention.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor..  
 Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 1.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions  The products are not intended for use in aquaculture.
<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller, airless spray.
<b>Application rate(s) and frequencies</b>	Application Rate: 0.08 L/m <sup>2</sup> for Vessel Cat. 1, 0.2 L/m <sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m <sup>2</sup> for other structures Dilution (%): Number and timing of application: Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted

	<p>areas.</p> <p>Vessel Cat.3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Others structures: Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### **4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.  
If symptoms: Call 112/ambulance for medical assistance.  
If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

### **4.2 Use description**

#### **Use 2 - Use # 1.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation**

##### **Product type**

PT21 - Antifouling products (Other biocidal products)

<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.  Vessel category: 1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment.
<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller.
<b>Application rate(s) and frequencies</b>	Application Rate: 1 coat = 0.08 L/m <sup>2</sup> (DFT 40 µm) Dilution (%): Number and timing of application:  Vessel Cat.1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas .
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use .  
(See also general instructions for use)

## 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

## 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

## 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

## 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets.

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)



## 5. General directions for use of the meta SPC

### 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.  
The coating must be dry before immersion.  
The users should report straightforward to the registration holder in case of inefficacy.

### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

#### 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

#### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 48 months.

(See also use specific instructions)

### 6. Other information

Total binder range (including solvents): 25.00-31.00

### 7. Third information level: individual products in the meta SPC

#### 7.1 Trade name(s), authorisation number and specific composition of each individual product

**Trade name(s)**

NonStop VK Red

Market area: NO

**Authorisation number**

NO-0022018-0001 1-1

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22
Xylenes		Non-active substance	1330-20-7	215-535-7	5,6
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,87
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	11,27
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,76
Rosin		Non-active substance	8050-09-7	232-475-7	9,58
Zinc oxide		Non-active substance	1314-13-2	215-222-5	20,2
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,84

**Trade name(s)**

NonStop VK Black

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0002 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22
Xylenes		Non-active substance	1330-20-7	215-535-7	5,6
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,87

Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	11,23
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,76
Rosin		Non-active substance	8050-09-7	232-475-7	9,57
Zinc oxide		Non-active substance	1314-13-2	215-222-5	20,2
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,84

**Trade name(s)**

Mare Nostrum SP Red

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National  
Authorisation)

NO-0022018-0003 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	19,72
Xylenes		Non-active substance	1330-20-7	215-535-7	5,65
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,88
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	13,06
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,55
Rosin		Non-active substance	8050-09-7	232-475-7	9,57
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,34

1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,85
----------------------	----------------------	----------------------	----------	-----------	------

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta2

### 1.2. Suffix to the authorisation number

1-2

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	19,72 - 24,99
Xylenes		Non-active substance	1330-20-7	215-535-7	4,28 - 6,32
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,43 - 2,11
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	5 - 12,8
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 5
Rosin		Non-active substance	8050-09-7	232-475-7	8,5 - 10

Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,53 - 20,5
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,4 - 2,08

## 2.2. Type(s) of formulation of the meta SPC

**Formulation(s)**

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

**Hazard statements**

Flammable liquid and vapour.  
 Causes serious eye damage.  
 May cause an allergic skin reaction.  
 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read carefully and follow all instructions.  
 Wear protective gloves.  
 Wear eye or face protection.  
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
 Avoid release to the environment.  
 Avoid breathing vapours.  
 Collect spillage.  
 Take off contaminated clothing. And wash it before reuse.  
 IF ON SKIN: Wash with plenty of water.  
 If skin irritation or rash occurs: Get medical attention.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or physician..  
 Dispose of contents to all local, regional, national and international regulations.  
 Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 2.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions  The products are not intended for use in aquaculture.
<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller, airless spray.
<b>Application rate(s) and frequencies</b>	Application Rate: 0.08 L/m <sup>2</sup> for Vessel Cat. 1, 0.2 L/m <sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m <sup>2</sup> for other structures Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas .

	<p>Vessel Cat. 3:  Drydock interval: 12 months.  Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures:</p> <p>Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).



information).

**Sandblasting and gritfilling:**

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.  
If symptoms: Call 112/ambulance for medical assistance.  
If no symptoms: Call a POISON CENTRE or a doctor  
(See also general instructions)

### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

## 4.2 Use description

### Use 2 - Use # 2.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

<b>Field(s) of use</b>	<p>Outdoor</p> <p>The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.</p> <p>Vessel category: 1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment.</p>
<b>Application method(s)</b>	<p>Method: Painting Detailed description: Brush, roller.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm) Dilution (%): Number and timing of application:</p> <p>Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p>
<b>Category(ies) of users</b>	<p>General public (non-professional)</p>
<b>Pack sizes and packaging material</b>	<p>0.75, 3, 5, 10 litre steel drums.</p>

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.  
(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### **4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

If medical advice is needed, have product container or label at hand .  
IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.  
If symptoms: Call 112/ambulance for medical assistance.  
If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Keep out of reach of children and non-target animals/pets .  
Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

### **5. General directions for use of the meta SPC**

#### **5.1. Instructions for use**

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.  
The coating must be dry before immersion.  
The users should report straightforward to the registration holder in case of inefficacy.

## 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months.

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 25.00-31.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

#### Trade name(s)

NonStop VK Blue

Market area: NO

#### Authorisation number

NO-0022018-0004 1-2

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22
Xylenes		Non-active substance	1330-20-7	215-535-7	5,61
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,87
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	11,27
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,77
Rosin		Non-active substance	8050-09-7	232-475-7	9,59
Zinc oxide		Non-active substance	1314-13-2	215-222-5	20,2
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,84

**Trade name(s)**

NonStop VK Dark Blue

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0005 1-2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22
Xylenes		Non-active substance	1330-20-7	215-535-7	5,64
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,88
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	11,35
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,8
Rosin		Non-active substance	8050-09-7	232-475-7	9,65
Zinc oxide		Non-active substance	1314-13-2	215-222-5	20,32
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,85

**1. Meta SPC administrative information****1.1. Meta SPC identifier**

Sea1-Meta3

## 1.2. Suffix to the authorisation number

1-3

## 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02 - 24,99
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20 - 25
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	1 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	4 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92 - 24

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

## Precautionary statements

Very toxic to aquatic life with long lasting effects.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Wear protective gloves.

Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Avoid breathing vapours.

Collect spillage.

IF INHALED:Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

Take off contaminated clothing.And wash it before reuse.

IF ON SKIN:Wash with plenty of water.

If skin irritation or rash occurs:Get medical attention.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor..

Store in a well-ventilated place.Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

**Use 1 - Use # 3.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation**

**Product type**

PT21 - Antifouling products (Other biocidal products)



**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

**Field(s) of use**

Indoor

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.

Vessel categories:

1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment.
3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).

Other structures in marine water like:

Mariculture equipment other than fish nets (such as lobster pots)  
Buoys and other small objects  
Sluice doors  
Harbour constructions  
Inlet pipes of e.g. cooling systems  
Marine sensors  
Offshore constructions

The products are not intended for use in aquaculture.

**Application method(s)**

Method: Painting  
Detailed description:  
Brush, roller, airless spray.

**Application rate(s) and frequencies**

Application Rate: 0.08 L/m<sup>2</sup> for Vessel Cat. 1, 0.2 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m<sup>2</sup> for other structures

Dilution (%):

Number and timing of application:

Vessel Cat. 1:

Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.

In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

Vessel Cat. 3:

Drydock interval: 12 months.

Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.

Other structures:

Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

0.75, 3, 5, 10, 20 litre steel drums.

**4.1.1 Use-specific instructions for use**

See general instructions for use

**4.1.2 Use-specific risk mitigation measures**Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.  
If symptoms: Call 112/ambulance for medical assistance.  
If no symptoms: Call a POISON CENTRE or a doctor  
(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 36 months

(See also general instructions)

### 4.2 Use description

#### Use 2 - Use # 3.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

##### Product type

PT21 - Antifouling products (Other biocidal products)

##### Where relevant, an exact description of the authorised use

-

##### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

##### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment.

<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller.
<b>Application rate(s) and frequencies</b>	Application Rate: 1 coat = 0.08 L/m <sup>2</sup> (DFT 40 µm) Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> . In case of a first launching of a brand new boat, ensure that there are no unpainted areas.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.  
(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .  
IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.  
If symptoms: Call 112/ambulance for medical assistance.  
If no symptoms: Call a POISON CENTRE or a doctor  
(See also general instructions)

#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .  
Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
  
Claimed shelf-life: 36 months  
  
(See also general use instructions)

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

### 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 36 months.

(See also use specific instructions)

## 6. Other information

To be included on the label:  
EUH208 - Contains methyl methacrylate and n-butyl methacrylate. May produce an allergic reaction

Total binder range (including solvents):14.00-20.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

#### Trade name(s)

Racing VK Red

Market area: NO

#### Authorisation number

NO-0022018-0006 1-3

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	21,32
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	5,19
Rosin		Non-active substance	8050-09-7	232-475-7	9,11
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92

#### Trade name(s)

Racing VK Black

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0007 1-3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	21,95
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	5,19
Rosin		Non-active substance	8050-09-7	232-475-7	9,11
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92

**1. Meta SPC administrative information****1.1. Meta SPC identifier**

Sea1-Meta4

**1.2. Suffix to the authorisation number**

1-4

**1.3 Product type(s)**

PT21 - Antifouling products (Other biocidal products)

**2. Meta SPC composition**



## 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	19,72 - 24,99
Xylenes		Non-active substance	1330-20-7	215-535-7	4,28 - 6,89
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,43 - 2,3
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	16 - 20
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	3,5 - 6
Rosin		Non-active substance	8050-09-7	232-475-7	7 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,53 - 20
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,4 - 2,26

## 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.

Wear protective gloves.

Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Avoid breathing vapours.

Collect spillage.

IF INHALED:Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

Take off contaminated clothing.And wash it before reuse.

IF ON SKIN:Wash with plenty of water.

If skin irritation or rash occurs:Get medical attention.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor..

Store in a well-ventilated place.Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

**Use 1 - Use # 4.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation**

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

**Field(s) of use**

<p><b>Application method(s)</b></p>	<p>Indoor</p> <p>Outdoor</p> <p>The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.</p> <p>Vessel categories:</p> <ol style="list-style-type: none"> <li>1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment.</li> <li>3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).</li> </ol> <p>Other structures in marine water like:</p> <ul style="list-style-type: none"> <li>Mariculture equipment other than fish nets (such as lobster pots)</li> <li>Buoys and other small objects</li> <li>Sluice doors</li> <li>Harbour constructions</li> <li>Inlet pipes of e.g. cooling systems</li> <li>Marine sensors</li> <li>Offshore constructions</li> </ul> <p>The products are not intended for use in aquaculture.</p> <p>Method: Painting Detailed description: Brush, roller, airless spray.</p>
<p><b>Application rate(s) and frequencies</b></p>	<p>Application Rate: 0.08 L/m<sup>2</sup> for Vessel Cat. 1, 0.2 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m<sup>2</sup> for other structures</p> <p>Dilution (%):</p> <p>Number and timing of application:</p> <p>Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p> <p>Vessel Cat.3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<p><b>Category(ies) of users</b></p>	<p>Professional</p>
<p><b>Pack sizes and packaging material</b></p>	<p>0.75, 3, 5, 10, 20 litre steel drums.</p>

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

#### 4.2 Use description

##### Use 2 - Use # 4.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

##### Product type

PT21 - Antifouling products (Other biocidal products)

##### Where relevant, an exact description of the authorised use

-

##### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

##### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure craft with a hull length of maximum 24 meter and a berth in marine environment.

##### Application method(s)

Method: Painting  
Detailed description:  
Brush, roller.

##### Application rate(s) and frequencies

Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm)  
Dilution (%):  
Number and timing of application:  
Vessel Cat. 1:  
Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.  
In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

0.75, 3, 5, 10 litre steel drums.

**4.2.1 Use-specific instructions for use**

Comply with the instructions for use.

(See also general instructions for use)

**4.2.2 Use-specific risk mitigation measures**

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374)
- Coverall or long sleeved shirt and trousers

(See also general risk mitigation measures)

**4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

If medical advice is needed, have product container or label at hand.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

**4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .  
Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

### 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months.

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 25.00-31.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

Mare Nostrum SP Black

Market area: NO

Authorisation number



(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0008 1-4

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	19,73
Xylenes		Non-active substance	1330-20-7	215-535-7	5,39
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,8
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	16,54
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,32
Rosin		Non-active substance	8050-09-7	232-475-7	9,21
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,53
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,77

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta5

### 1.2. Suffix to the authorisation number

1-5

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01 - 8
Xylenes		Non-active substance	1330-20-7	215-535-7	5,06 - 6,98
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,69 - 2,33
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,2 - 17,5
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	8 - 10,04
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,39 - 24
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,65 - 2,3

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause respiratory irritation.

**Precautionary statements**

May cause drowsiness or dizziness.

Very toxic to aquatic life with long lasting effects.

---

Wear protective gloves.

Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Avoid breathing vapours.

Collect spillage.

IF INHALED:Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

Take off contaminated clothing.And wash it before reuse.

IF ON SKIN:Wash with plenty of water.

If skin irritation or rash occurs:Get medical attention.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Store in a well-ventilated place.Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

**4. Authorised use(s) of the meta SPC**

**4.1 Use description**

**Use 1 - Use # 5.1 - Professionals - Vessel Cat. 3 and other structures Art. 19(1) authorisation**

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages)

Development stage:

**Field(s) of use**

Indoor  
Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.

Vessel categories:  
3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).

Other structures in water like:  
Mariculture equipment other than fish nets (such as lobster pots)  
Buoys and other small objects  
Sluice doors  
Harbour constructions  
Inlet pipes of e.g. cooling systems  
Marine sensors  
Offshore constructions

The products are not intended for use in aquaculture.

**Application method(s)**

Method: Painting  
Detailed description:  
Brush, roller, airless spray.

**Application rate(s) and frequencies**

Application Rate: 0.2 L/m<sup>2</sup> for Vessel Cat. 3 and 0.16-0.2 L/m<sup>2</sup> for other structures  
Dilution (%):  
Number and timing of application:

Vessel Cat. 3:  
Drydock interval: 12 months.  
Max total DFT of 100 µm (one coat of 100 µm or two coats of 50µm). Application rate: 0.2 L/m<sup>2</sup>.

Other structures:  
Application rate may vary (0.16-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months  
(See also general instructions)

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.

Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

### 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months.

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 28.00-32.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

**Trade name(s)**

NonStop EC Red

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0009 1-5

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01
Xylenes		Non-active substance	1330-20-7	215-535-7	5,88
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,96
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,32
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	6,39
Rosin		Non-active substance	8050-09-7	232-475-7	10,04
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,6
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,93

**Trade name(s)**

NonStop EC Black

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0010 1-5



Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01
Xylenes		Non-active substance	1330-20-7	215-535-7	5,83
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,94
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,21
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	6,33
Rosin		Non-active substance	8050-09-7	232-475-7	9,95
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,39
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,91

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta6

### 1.2. Suffix to the authorisation number

1-6

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

## 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01 - 8
Xylenes		Non-active substance	1330-20-7	215-535-7	5,06 - 7,25
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,69 - 2,42
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	14,8 - 17,5
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,5 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	7 - 10,04
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,04 - 24
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,65 - 2,39

## 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Wear protective gloves.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. -  
No smoking.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Avoid breathing vapours.

Collect spillage.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

Take off contaminated clothing. And wash it before reuse.

IF ON SKIN: Wash with plenty of water.

If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 6.1 - Professionals - Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 3. Paint for seagoing vessels for trade or business, naval and governmental vessels,

	<p>and on super yachts (marine water).</p> <p>Other structures in water like:          Mariculture equipment other than fish nets (such as lobster pots)          Buoys and other small objects          Sluice doors          Harbour constructions          Inlet pipes of e.g. cooling systems          Marine sensors          Offshore constructions</p> <p>The products are not intended for use in aquaculture.</p>
<b>Application method(s)</b>	<p>Method: Painting          Detailed description:          Brush, roller, airless spray.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 0.2 L/m<sup>2</sup> for Vessel Cat. 3 and 0.16-0.2 L/m<sup>2</sup> for other structures          Dilution (%):          Number and timing of application:</p> <p>Vessel Cat. 3:          Drydock interval: 12 months.          Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate:          0.2 L/m<sup>2</sup>.</p> <p>Other structures:          Application rate may vary (0.16-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product)

information).

- Respiratory protection with an assigned protection factor (APF) of at least 10.

Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.

(See also general risk mitigation measures)

#### **4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

### **5. General directions for use of the meta SPC**

## 5.1. Instructions for use

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

## 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 48 months  
(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 28.00-32.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

<b>Trade name(s)</b>	NonStop EC Blue	Market area: NO
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	NO-0022018-0011 1-6	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01
Xylenes		Non-active substance	1330-20-7	215-535-7	5,78
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,93

Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,03
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	6,28
Rosin		Non-active substance	8050-09-7	232-475-7	9,88
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,04
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,9

**Trade name(s)**

NonStop EC Dark Blue

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National  
Authorisation)

NO-0022018-0012 1-6

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01
Xylenes		Non-active substance	1330-20-7	215-535-7	5,84
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,95
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,18
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	6,34
Rosin		Non-active substance	8050-09-7	232-475-7	9,98
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,45



1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,92
----------------------	----------------------	----------------------	----------	-----------	------

**Trade name(s)**

NonStop EC Grey

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0013 1-6

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01
Xylenes		Non-active substance	1330-20-7	215-535-7	5,83
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,94
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,21
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	6,33
Rosin		Non-active substance	8050-09-7	232-475-7	9,95
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,39
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,91

**Trade name(s)**

NonStop EC White

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National  
Authorisation)

NO-0022018-0014 1-6

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01
Xylenes		Non-active substance	1330-20-7	215-535-7	5,83
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,94
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,2
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	6,33
Rosin		Non-active substance	8050-09-7	232-475-7	9,95
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,39
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,91

**1. Meta SPC administrative information****1.1. Meta SPC identifier**

Sea1-Meta7

**1.2. Suffix to the authorisation number**

1-7

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02 - 24,99
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20 - 25
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	4 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92 - 25

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.

Read carefully and follow all instructions.

Wear protective gloves.

Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Avoid breathing vapours.

Collect spillage.

IF INHALED:Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

Take off contaminated clothing.And wash it before reuse.

IF ON SKIN:Wash with plenty of water.

If skin irritation or rash occurs:Get medical attention.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Store in a well-ventilated place.Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

#### 4. Authorised use(s) of the meta SPC

##### 4.1 Use description

**Use 1 - Use # 7.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation**

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:

**Field(s) of use**

Indoor
Outdoor
The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.
Vessel categories: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).
Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions
The products are not intended for use in aquaculture.
Method: Painting Detailed description: Brush, roller, airless spray.

**Application method(s)****Application rate(s) and frequencies**

Application Rate: 0.08 L/m <sup>2</sup> for Vessel Cat. 1, 0.2 L/m <sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m <sup>2</sup> for other structures Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas.  Vessel Cat. 3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m <sup>2</sup> .  Other structures: Application rate may vary (0.08-0.2 L/m <sup>2</sup> ). Please consult with the authorisation holder.
--

**Category(ies) of users**

Professional
--------------

**Pack sizes and packaging material**

0.75, 3, 5, 10, 20 litre steel drums.
---------------------------------------

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

#### 4.2 Use description

##### Use 2 - Use # 7.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

##### Product type

PT21 - Antifouling products (Other biocidal products)

##### Where relevant, an exact description of the authorised use

-

##### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

##### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.

##### Application method(s)

Method: Painting  
Detailed description:  
Brush, roller.

##### Application rate(s) and frequencies

Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm)

Dilution (%):

Number and timing of application:

Vessel Cat. 1:

Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.

In case of a first launching of a brand new boat, ensure that there are no unpainted

	areas.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.  
(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

##### Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

##### Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .  
IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)



#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .

##### Conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.

Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### **5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

### **5.4. Instructions for safe disposal of the product and its packaging**

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

### **5.5. Conditions of storage and shelf-life of the product under normal conditions of storage**

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also use specific instructions)

## **6. Other information**

To be included on the label:

EUH208 - Contains methyl methacrylate and n-butyl methacrylate. May produce an allergic reaction.

Total binder range (including solvents):14.00-20.00

## **7. Third information level: individual products in the meta SPC**

### **7.1 Trade name(s), authorisation number and specific composition of each individual product**

## 7.1 Trade name(s), authorisation number and specific composition of each individual product

### Trade name(s)

Racing VK Blue

Market area: NO

### Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0015 1-7

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20,91
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	5,19
Rosin		Non-active substance	8050-09-7	232-475-7	9,11
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92

### Trade name(s)

Racing VK Dark Blue

Market area: NO

### Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0016 1-7

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	21,04
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	5,19
Rosin		Non-active substance	8050-09-7	232-475-7	9,11
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta8

### 1.2. Suffix to the authorisation number

1-8

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69 - 40,5

Xylenes		Non-active substance	1330-20-7	215-535-7	4,23 - 6,89
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,41 - 2,3
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	5 - 11,5
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 6
Rosin		Non-active substance	8050-09-7	232-475-7	8 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,08 - 18
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,38 - 2,26

## 2.2. Type(s) of formulation of the meta SPC

**Formulation(s)**

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

**Hazard statements**

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Wear protective gloves.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
Avoid release to the environment.  
Avoid breathing vapours.

Do no eat, drink or smoke when using this product.

Collect spillage.

Take off contaminated clothing.And wash it before reuse.

IF SWALLOWED:Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

IF ON SKIN:Wash with plenty of water.

If skin irritation or rash occurs:Get medical attention.

Wash hands thoroughly after handling.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 8.1 - Professionals - Vessel Cat. 1 Art. 19(1) autorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects

<p><b>Application method(s)</b></p>	<p>Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions</p> <p>The products are not intended for use in aquaculture.</p> <p>Method: Painting Detailed description: Brush, roller, airless spray.</p>
<p><b>Application rate(s) and frequencies</b></p>	<p>Application Rate: 0.08 L/m<sup>2</sup> for Vessel Cat. 1, 0.2 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m<sup>2</sup> for other structures Dilution (%): Number and timing of application:</p> <p>Vessel Cat.1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p> <p>Vessel Cat.3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<p><b>Category(ies) of users</b></p>	<p>Professional</p>
<p><b>Pack sizes and packaging material</b></p>	<p>0.75, 3, 5, 10, 20 litre steel drums.</p>

#### 4.1.1 Use-specific instructions for use

See general instructions for use.

#### 4.1.2 Use-specific risk mitigation measures

Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### **4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.



Claimed shelf-life: 48 months

(See also general instructions)

## 4.2 Use description

### Use 2 - Use # 8.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

#### Product type

PT21 - Antifouling products (Other biocidal products)

#### Where relevant, an exact description of the authorised use

-

#### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

#### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.

#### Application method(s)

Method: Painting  
Detailed description:  
Brush, roller.

#### Application rate(s) and frequencies

Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm)

Dilution (%):

Number and timing of application:

Vessel Cat. 1:

Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.

In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

#### Category(ies) of users

General public (non-professional)

#### Pack sizes and packaging material

0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.

(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

## 5. General directions for use of the meta SPC

### 5.1. Instructions for use

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.

Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

### 5.4. Instructions for safe disposal of the product and its packaging

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 48 months.  
(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 25.00-32.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

#### Trade name(s)

NonStop II Blue

Market area: NO

#### Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0017 1-8

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69
Xylenes		Non-active substance	1330-20-7	215-535-7	5,21

Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,74
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	10,45
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,43
Rosin		Non-active substance	8050-09-7	232-475-7	8,91
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,5
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,71

**Trade name(s)**

NonStop II Dark Blue

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0018 1-8

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69
Xylenes		Non-active substance	1330-20-7	215-535-7	5,42
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,81
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	9,31
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,4
Rosin		Non-active substance	8050-09-7	232-475-7	9,29

Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,08
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,78

**Trade name(s)**

Princess S1M5

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0019 1-8

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69
Xylenes		Non-active substance	1330-20-7	215-535-7	5,42
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,81
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	9,31
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,4
Rosin		Non-active substance	8050-09-7	232-475-7	9,29
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,08
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,78

**1. Meta SPC administrative information**

### 1.1. Meta SPC identifier

Sea1-Meta9

### 1.2. Suffix to the authorisation number

1-9

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02 - 24,99
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20 - 25
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 6,5
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92 - 24

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause respiratory irritation.

## Precautionary statements

May cause drowsiness or dizziness.

Very toxic to aquatic life with long lasting effects.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Avoid breathing vapours.

Collect spillage.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

**Use 1 - Use # 9.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation /Vessel Cat. 3 and other structures Art. 19(1) authorisation**

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:



**Field(s) of use**

Indoor
Outdoor
The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.
Vessel categories: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).
Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions
The products are not intended for use in aquaculture.
Method: Painting Detailed description: Brush, roller, airless spray.

**Application method(s)****Application rate(s) and frequencies**

Application Rate: 0.08 L/m <sup>2</sup> for Vessel Cat. 1, 0.2 L/m <sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m <sup>2</sup> for other structures Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas.  Vessel Cat. 3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50µm). Application rate: 0.2 L/m <sup>2</sup> .  Other structures: Application rate may vary (0.08-0.2 L/m <sup>2</sup> ). Please consult with the authorisation holder.
---

**Category(ies) of users**

Professional
--------------

**Pack sizes and packaging material**

0.75, 3, 5, 10, 20 litre steel drums.
---------------------------------------

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

#### 4.2 Use description

##### Use 2 - Use # 9.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

##### Product type

PT21 - Antifouling products (Other biocidal products)

##### Where relevant, an exact description of the authorised use

-

##### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

##### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.

##### Application method(s)

Method: Painting  
Detailed description:  
Brush, roller.

##### Application rate(s) and frequencies

Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm)

Dilution (%):

Number and timing of application:

Vessel Cat. 1:

Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.

In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.

(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.

(See also general risk mitigation measures)

#### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .  
Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.  
The coating must be dry before immersion.  
The users should report straightforward to the registration holder in case of inefficacy.

#### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

#### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months.

(See also use specific instructions)

## 6. Other information

Supplemental hazard statements:

EUH208 – Contains methyl methacrylate and n-butyl methacrylate. May produce an allergic reaction.

Total binder range (including solvents): 14.00-20.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

Racing VK S1M7

Market area: NO

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0020 1-9

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	22,02
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	21,04
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	5,19
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,92

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta10

### 1.2. Suffix to the authorisation number

1-10

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

## 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01 - 8
Xylenes		Non-active substance	1330-20-7	215-535-7	5,13 - 6,91
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,71 - 2,3
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,1 - 18
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4 - 6,5
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,39 - 24
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,68 - 2,27

## 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
Use only outdoors or in a well-ventilated area.  
Avoid release to the environment.  
Avoid breathing vapours.  
Collect spillage.



IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 10.1 - Professionals - Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions  The products are not intended for use in aquaculture.
<b>Application method(s)</b>	Method: Painting Detailed description:

	Brush, roller, airless spray.
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 0.2 L/m<sup>2</sup> for Vessel Cat. 3 and 0.16-0.2 L/m<sup>2</sup> for other structures  Dilution (%):  Number and timing of application:</p> <p>Vessel Cat. 3:  Drydock interval: 12 months.  Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures:  Application rate may vary (0.16-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.

(See also general risk mitigation measures)

#### **4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

### **5. General directions for use of the meta SPC**

#### **5.1. Instructions for use**

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.  
The coating must be dry before immersion.  
The users should report straightforward to the registration holder in case of inefficacy.

## 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance, and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months.

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 28.50-32.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

<b>Trade name(s)</b>	NonStop EC S1M6	Market area: NO
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	NO-0022018-0021 1-10	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	7,01
Xylenes		Non-active substance	1330-20-7	215-535-7	5,83
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,94
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	15,2
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	6,33
Zinc oxide		Non-active substance	1314-13-2	215-222-5	23,39
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,91

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta11

### 1.2. Suffix to the authorisation number

1-11

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69 - 35
Xylenes		Non-active substance	1330-20-7	215-535-7	4,09 - 6,98
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,36 - 2,33
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	8 - 11,7
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 5,5
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,08 - 20
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,34 - 2,3

### 2.2. Type(s) of formulation of the meta SPC

**Formulation(s)**

AL - Any other liquid

**3. Hazard and precautionary statements of the meta SPC****Hazard statements**

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. -  
No smoking.  
Avoid release to the environment.  
Do no eat, drink or smoke when using this product.  
Collect spillage.  
Wash hands thoroughly after handling.  
IF SWALLOWED:Call a POISON CENTRE/doctor if you feel unwell.  
Rinse mouth.  
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if  
present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor..  
Dispose of contents to all local, regional, national and international regulations.  
Dispose of container to all local, regional, national and international regulations.

**4. Authorised use(s) of the meta SPC****4.1 Use description**

**Use 1 - Use # 11.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation**

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

**Field(s) of use**

Indoor  
Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.

Vessel categories:  
1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.  
3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).

Other structures in marine water like:  
Mariculture equipment other than fish nets (such as lobster pots)  
Buoys and other small objects  
Sluice doors  
Harbour constructions  
Inlet pipes of e.g. cooling systems  
Marine sensors  
Offshore constructions

The products are not intended for use in aquaculture.

**Application method(s)**

Method: Painting  
Detailed description:  
Brush, roller, airless spray.

**Application rate(s) and frequencies**

Application Rate: 0.08 L/m<sup>2</sup> for Vessel Cat. 1, 0.2 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m<sup>2</sup> for other structures  
Dilution (%):  
Number and timing of application:

Vessel Cat. 1:  
Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.

In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

Vessel Cat. 3:  
Drydock interval: 12 months.  
Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.

Other structures:  
Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.



**Category(ies) of users**

Professional

**Pack sizes and packaging material**

0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.  
If symptoms: Call 112/ambulance for medical assistance.  
If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

### 4.2 Use description

#### Use 2 - Use # 11.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

##### Product type

PT21 - Antifouling products (Other biocidal products)

##### Where relevant, an exact description of the authorised use

-

##### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

##### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.

##### Application method(s)

Method: Painting  
Detailed description:  
Brush, roller.

**Application rate(s) and frequencies**

Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm)  
Dilution (%):  
Number and timing of application:  
  
Vessel Cat. 1:  
Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.  
  
In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

0.75, 3, 5, 10 litre steel drums.

**4.2.1 Use-specific instructions for use**

Comply with the instructions for use.  
(See also general instructions for use)

**4.2.2 Use-specific risk mitigation measures**

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.

(See also general risk mitigation measures)

### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .  
IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

## 5. General directions for use of the meta SPC

### 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### **5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

### **5.4. Instructions for safe disposal of the product and its packaging**

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

### **5.5. Conditions of storage and shelf-life of the product under normal conditions of storage**

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months.

(See also use specific instructions)

## **6. Other information**

Total binder range (including solvents): 25.00-32.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

#### Trade name(s)

NonStop II S1M9

Market area: NO

#### Authorisation number

NO-0022018-0022 1-11

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69
Xylenes		Non-active substance	1330-20-7	215-535-7	5,42
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,81
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	9,31
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,4
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,08
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,78

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta12

### 1.2. Suffix to the authorisation number

1-12

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	19,72 - 24,99
Xylenes		Non-active substance	1330-20-7	215-535-7	4,83 - 5,67
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,61 - 1,89
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	13,8 - 14,2
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,7 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	9,5 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,53 - 20
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,58 - 1,86

### 2.2. Type(s) of formulation of the meta SPC

**Formulation(s)**

AL - Any other liquid

**3. Hazard and precautionary statements of the meta SPC****Hazard statements**

Flammable liquid and vapour.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Wear protective gloves.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
Use only outdoors or in a well-ventilated area.  
Avoid release to the environment.  
Avoid breathing vapours.  
Collect spillage.  
IF INHALED:Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER or doctor if you feel unwell.  
Take off contaminated clothing.And wash it before reuse.  
IF ON SKIN:Wash with plenty of water.  
If skin irritation or rash occurs:Get medical attention.  
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor.  
Store in a well-ventilated place.Keep container tightly closed.  
Store locked up.  
Dispose of contents to all local, regional, national and international regulations.  
Dispose of container to all local, regional, national and international regulations.



## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 12.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions  The products are not intended for use in aquaculture.
<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller, airless spray.
<b>Application rate(s) and frequencies</b>	Application Rate: 0.08 L/m <sup>2</sup> for Vessel Cat. 1, 0.2 L/m <sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m <sup>2</sup> for other structures Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

	<p>Vessel Cat. 3:  Drydock interval: 12 months.  Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures:  Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

<p><u>Spraying and cleaning of spray equipment:</u></p> <ul style="list-style-type: none"> <li>• Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).</li> <li>• Chemical goggles or face shield (EN 166).</li> <li>• A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).</li> <li>• Respiratory protection with an assigned protection factor (APF) of at least 10.</li> </ul> <p><u>Potman including cleaning spray equipment:</u></p> <ul style="list-style-type: none"> <li>• Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).</li> <li>• Chemical goggles or face shield (EN 166).</li> <li>• A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).</li> </ul> <p><u>Brush and roller application:</u></p> <ul style="list-style-type: none"> <li>• Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).</li> <li>• Chemical goggles or face shield (EN 166).</li> <li>• A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).</li> </ul>
--

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

#### 4.2 Use description

##### Use 2 - Use # 12.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

<b>Field(s) of use</b>	<p>Outdoor</p> <p>The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.</p> <p>Vessel category: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.</p>
<b>Application method(s)</b>	<p>Method: Painting Detailed description: Brush, roller.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm) Dilution (%): Number and timing of application:</p> <p>Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p>
<b>Category(ies) of users</b>	<p>General public (non-professional)</p>
<b>Pack sizes and packaging material</b>	<p>0.75, 3, 5, 10 litre steel drums.</p>

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.  
(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.

- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### **4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

If medical advice is needed, have product container or label at hand .  
IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Keep out of reach of children and non-target animals/pets .

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

### **5. General directions for use of the meta SPC**

#### **5.1. Instructions for use**

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### **5.2. Risk mitigation measures**

## 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months.

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 27.00-29.30

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

#### Trade name(s)

Mare Nostrum SP Dark Blue

Market area: NO

#### Authorisation number

NO-0022018-0023 1-12

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	19,72
Xylenes		Non-active substance	1330-20-7	215-535-7	5,6
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,87
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	14,19
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,76
Rosin		Non-active substance	8050-09-7	232-475-7	9,58
Zinc oxide		Non-active substance	1314-13-2	215-222-5	18,05
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,84

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta13

### 1.2. Suffix to the authorisation number

1-13

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	49,83 - 50
Xylenes		Non-active substance	1330-20-7	215-535-7	5,44 - 9,89
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,81 - 3,3
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	5 - 9
Zinc oxide		Non-active substance	1314-13-2	215-222-5	8,87 - 15
Tetraethyl silicate	Tetraethyl silicate	Non-active substance	78-10-4	201-083-8	0 - 0,7

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid



### 3. Hazard and precautionary statements of the meta SPC

#### Hazard statements

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
Wash hands thoroughly after handling.  
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
Rinse mouth.  
Avoid release to the environment.  
Do not eat, drink or smoke when using this product.  
Collect spillage.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor.  
Dispose of contents to all local, regional, national and international regulations.  
Dispose of container to all local, regional, national and international regulations.

### 4. Authorised use(s) of the meta SPC

#### 4.1 Use description

##### Use 1 - Use # 13.1 - Professionals - Vessel Cat. 3 and other structures Art. 19(1) authorisation

#### Product type

PT21 - Antifouling products (Other biocidal products)

#### Where relevant, an exact description of the authorised use

-

#### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

<b>Field(s) of use</b>	<p>Indoor</p> <p>Outdoor</p> <p>The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.</p> <p>Vessel category: 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).</p> <p>Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions</p> <p>The products are not intended for use in aquaculture.</p>
<b>Application method(s)</b>	<p>Method: Painting Detailed description: Brush, roller, airless spray.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 0.6 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.6 L/m<sup>2</sup> for other structures Dilution (%): Number and timing of application: Vessel Cat. 3: Drydock interval: 36 months. Max total DFT of 300 µm (three coats of 100 µm or six coats of 50 µm). Application rate: 0.6 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-0.6 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	<p>Professional</p>
<b>Pack sizes and packaging material</b>	<p>0.75, 3, 5, 10, 20 litre steel drums.</p>

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374)
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 6 months

(See also general instructions)

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.

Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

### 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

### 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 6 months.

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 24.50-27.30

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

Imperial S1M10

Market area: NO

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0024 1-13

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	49,83
Xylenes		Non-active substance	1330-20-7	215-535-7	9,61
Ethylbenzene		Non-active substance	100-41-4	202-849-4	3,2
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	6,7
Zinc oxide		Non-active substance	1314-13-2	215-222-5	8,87
Tetraethyl silicate	Tetraethyl silicate	Non-active substance	78-10-4	201-083-8	0,48

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta14

### 1.2. Suffix to the authorisation number

1-14

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	49,78 - 49,8
Xylenes		Non-active substance	1330-20-7	215-535-7	11,7 - 15,77
Ethylbenzene		Non-active substance	100-41-4	202-849-4	3,9 - 5,26
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	0 - 2,6
Rosin		Non-active substance	8050-09-7	232-475-7	4 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	6,96 - 15
Tetraethyl silicate	Tetraethyl silicate	Non-active substance	78-10-4	201-083-8	0 - 0,7

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Harmful if swallowed.  
Harmful if inhaled.  
Causes serious eye damage.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Wear protective gloves.  
Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Avoid release to the environment.

Avoid breathing vapours.

Wash hands thoroughly after handling.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

Do not eat, drink or smoke when using this product.

Collect spillage.

Take off contaminated clothing. And wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor..

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 14.1 - Professionals - Vessel Cat. 3 and other structures Art. 19(1) authorisation

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

**Field(s) of use**

Indoor  
Outdoor



<b>Application method(s)</b>	<p>The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.</p> <p>Vessel category: 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).</p> <p>Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions</p> <p>The products are not intended for use in aquaculture.</p> <p>Method: Painting Detailed description: Brush, roller, airless spray.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 1.2 L/m<sup>2</sup> for Vessel Cat. 3 and 0.08-1.2 L/m<sup>2</sup> for other structures Dilution (%): Number and timing of application: Vessel Cat. 3:  Drydock interval: 90 months. Max total DFT of 600 µm (six coats of 100 µm or twelve coats of 50 µm). Application rate 1.2 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-1.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034). (coverall material to be specified by the authorisation holder within the product information).

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

Information to Healthcare personnel/doctor: Initiate life support measures if needed, thereafter call a POISON CENTRE.

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

**Conditions of storage:**

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 12 months

(See also general instructions)

### **5. General directions for use of the meta SPC**

#### **5.1. Instructions for use**

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.

Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### **5.2. Risk mitigation measures**

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

#### **5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 12 months

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 22.00-29.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

<b>Trade name(s)</b>	SeaQuantum EU	Market area: NO
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	NO-0022018-0025 1-14	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	49,78
Xylenes		Non-active substance	1330-20-7	215-535-7	12,98
Ethylbenzene		Non-active substance	100-41-4	202-849-4	4,47
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	1,66
Rosin		Non-active substance	8050-09-7	232-475-7	4,82
Zinc oxide		Non-active substance	1314-13-2	215-222-5	6,96
Tetraethyl silicate	Tetraethyl silicate	Non-active substance	78-10-4	201-083-8	0,47

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta15

### 1.2. Suffix to the authorisation number

1-15

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	31,97 - 40
Xylenes		Non-active substance	1330-20-7	215-535-7	10,13 - 15,67
Ethylbenzene		Non-active substance	100-41-4	202-849-4	3,38 - 5,22
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	0 - 3
Rosin		Non-active substance	8050-09-7	232-475-7	9 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	7,67 - 15
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,68 - 2,2
Maleic anhydride		Non-active substance	108-31-6	203-571-6	0 - 0,002

## 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Wear protective gloves.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
Avoid release to the environment.

Avoid breathing vapours.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Collect spillage.

Take off contaminated clothing. And wash it before reuse.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

IF ON SKIN: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 15.1 - Professionals - Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel category: 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects

<b>Application method(s)</b>	<p>Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions</p> <p>The products are not intended for use in aquaculture.</p> <p>Method: Painting Detailed description: Brush, roller, airless spray.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 1.0 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-1.0 L/m<sup>2</sup> for other structures Dilution (%): Number and timing of application: Vessel Cat. 3: Drydock interval: 60 months. Max total DFT of 500 µm (five coats of 100 µm or ten coats of 50 µm) . Application rate: 1.0 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-1.0 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Potman including cleaning spray equipment:



- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### **4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 18 months

(See also general instructions)

### **5. General directions for use of the meta SPC**

## 5.1. Instructions for use

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.

Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

## 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 18 months.

(See also use specific instructions)

## 6. Other information

To be included on the label:

Contains fatty acids, C14-18 and C16-18-unsatd., maleated.

Total binder range (including solvents): 28.00-32.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

#### Trade name(s)

SeaForce EU

Market area: NO

#### Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0026 1-15

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	31,97
Xylenes		Non-active substance	1330-20-7	215-535-7	13,85
Ethylbenzene		Non-active substance	100-41-4	202-849-4	4,62

Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	1,9
Rosin		Non-active substance	8050-09-7	232-475-7	9,26
Zinc oxide		Non-active substance	1314-13-2	215-222-5	7,67
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	2,09
Maleic anhydride		Non-active substance	108-31-6	203-571-6	0,002

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta16

### 1.2. Suffix to the authorisation number

1-16

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69 - 40,5
Xylenes		Non-active substance	1330-20-7	215-535-7	4,3 - 6,89

Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,43 - 2,3
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	5 - 12,9
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 4,8
Rosin		Non-active substance	8050-09-7	232-475-7	8 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,08 - 21
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,41 - 2,26

## 2.2. Type(s) of formulation of the meta SPC

**Formulation(s)**

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

**Hazard statements**

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Wear protective gloves.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.  
Avoid release to the environment.  
Avoid breathing vapours.  
Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.

Collect spillage.

Take off contaminated clothing. And wash it before reuse.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

IF ON SKIN: Wash with plenty of water.

If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 16.1 - Professionals - Vesel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	<p>Scientific name:  Common name: Slime, Weed (macro algae) and Animals (all development stages)  Development stage:</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Outdoor</p> <p>The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.</p> <p>Vessel categories:  1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.  3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).</p> <p>Other structures in marine water like:  Mariculture equipment other than fish nets (such as lobster pots)  Buoys and other small objects  Sluice doors  Harbour constructions  Inlet pipes of e.g. cooling systems  Marine sensors</p>

<p><b>Application method(s)</b></p>	<p>Offshore constructions</p> <p>The products are not intended for use in aquaculture.</p> <hr/> <p>Method: Painting Detailed description: Brush, roller, airless spray.</p>
<p><b>Application rate(s) and frequencies</b></p>	<p>Application Rate: 0.08 L/m<sup>2</sup> for Vessel Cat. 1, 0.2 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m<sup>2</sup> for other structures Dilution (%): Number and timing of application:</p> <p>Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p> <p>Vessel Cat. 3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<p><b>Category(ies) of users</b></p>	<p>Professional</p>
<p><b>Pack sizes and packaging material</b></p>	<p>0.75, 3, 5, 10, 20 litre steel drums.</p>

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

#### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

#### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

#### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

#### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

### **4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

### **4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.



Claimed shelf-life: 48 months

(See also general instructions)

## 4.2 Use description

### Use 2 - Use # 16.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

**Field(s) of use**

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.

**Application method(s)**

Method: Painting  
Detailed description:  
Brush, roller.

**Application rate(s) and frequencies**

Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm)

Dilution (%):

Number and timing of application:

Vessel Cat. 1:

Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.

In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

**Category(ies) of users**

General public (non-professional)

**Pack sizes and packaging material**

0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.

(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

## 5. General directions for use of the meta SPC

### 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months.  
(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 25.00-32.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

#### Trade name(s)

NonStop II Red

Market area: NO

#### Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0027 1-16

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69
Xylenes		Non-active substance	1330-20-7	215-535-7	5,44

Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,81
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	9,73
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,37
Rosin		Non-active substance	8050-09-7	232-475-7	9,38
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,64
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,78

**Trade name(s)**

NonStop II Black

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0028 1-16

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	32,69
Xylenes		Non-active substance	1330-20-7	215-535-7	5,14
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,71
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	12,8
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,42
Rosin		Non-active substance	8050-09-7	232-475-7	8,77

Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,56
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,69

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta17

### 1.2. Suffix to the authorisation number

1-17

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59 - 40
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20 - 25
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	3 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	15,88 - 24

## 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Wear protective gloves.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. -  
No smoking.  
Avoid breathing vapours.  
Wash hands thoroughly after handling.  
Do no eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Avoid release to the environment.  
Collect spillage.  
IF SWALLOWED:Call a POISON CENTER/doctor if you feel unwell.  
Rinse mouth.  
IF INHALED:Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER or doctor if you feel unwell.  
Take off contaminated clothing.And wash it before reuse.

IF ON SKIN:Wash with plenty of water.

If skin irritation or rash occurs:Get medical attention.

Store in a well-ventilated place.Keep container tightly closed.

Store locked up.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use # 17.1 - Professionals - Vessel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

**Field(s) of use**

Indoor

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.

Vessel categories:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.
3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).

Other structures in marine water like:

- Mariculture equipment other than fish nets (such as lobster pots)
- Buoys and other small objects
- Sluice doors
- Harbour constructions
- Inlet pipes of e.g. cooling systems
- Marine sensors
- Offshore constructions

The products are not intended for use in aquaculture.



<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller, airless spray.
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 0.08 L/m<sup>2</sup> for Vessel Cat. 1, 0.2 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m<sup>2</sup> for other structures Dilution (%): Number and timing of application:</p> <p>Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p> <p>Vessel Cat. 3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product

information).

- Respiratory protection with an assigned protection factor (APF) of at least 10.

Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### **4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months  
(See also general instructions)

## 4.2 Use description

### Use 2 - Use # 17.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.  Vessel category: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.
<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller.
<b>Application rate(s) and frequencies</b>	Application Rate: 1 coat = 0.08 L/m <sup>2</sup> (DFT 40 µm) Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.

(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

### 5. General directions for use of the meta SPC

## 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

## 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 36 months.

(See also use specific instructions)

## 6. Other information

To be included on the label:

EUH208 - Contains methyl methacrylate and n-butyl methacrylate. May produce an allergic reaction.  
Total binder range (including solvents): 13.00-20.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

Racing Red

Market area: NO

Authorisation number

NO-0022018-0029 1-17

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	21,47

2-methoxy-1-methylethyl acetate	Non-active substance	108-65-6	203-603-9	4,7
Rosin	Non-active substance	8050-09-7	232-475-7	8,24
Zinc oxide	Non-active substance	1314-13-2	215-222-5	18,24

**Trade name(s)**

Racing Black

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0030 1-17

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20,01
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,7
Rosin		Non-active substance	8050-09-7	232-475-7	8,24
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,75

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta18

## 1.2. Suffix to the authorisation number

1-18

## 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59 - 40
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20 - 25
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 6,5
Rosin		Non-active substance	8050-09-7	232-475-7	3 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	15,88 - 25

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
May cause respiratory irritation.



## Precautionary statements

May cause drowsiness or dizziness.

Very toxic to aquatic life with long lasting effects.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Wear protective gloves.

Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Avoid breathing vapours.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Collect spillage.

Take off contaminated clothing. And wash it before reuse.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

## 4. Authorised use(s) of the meta SPC

#### 4.1 Use description

##### Use 1 - Use # 18.1 - Professionals - Vessel Cat. 1 Art 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions  The products are not intended for use in aquaculture.
<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller, airless spray.
<b>Application rate(s) and frequencies</b>	Application Rate: 0.08 L/m <sup>2</sup> for Vessel Cat. 1, 0.2 L/m <sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m <sup>2</sup> for other structures Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas.  Vessel Cat. 3:

	<p>Drydock interval: 12 months.  Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures:  Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10, 20 litre steel drums.

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

#### 4.2 Use description

##### Use 2 - Use # 18.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

<b>Field(s) of use</b>	<p>Outdoor</p> <p>The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.</p> <p>Vessel category: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.</p>
<b>Application method(s)</b>	<p>Method: Painting Detailed description: Brush, roller.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm) Dilution (%): Number and timing of application:</p> <p>Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p>
<b>Category(ies) of users</b>	<p>General public (non-professional)</p>
<b>Pack sizes and packaging material</b>	<p>0.75, 3, 5, 10 litre steel drums.</p>

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.  
(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Long sleeved shirt and trousers/ Protective coated coverall (e.g., type 6, EN 13034)

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.

- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)

#### **4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

If medical advice is needed, have product container or label at hand .  
IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### **4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging**

See general instructions for waste disposal

#### **4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage**

Keep out of reach of children and non-target animals/pets .

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

### **5. General directions for use of the meta SPC**

#### **5.1. Instructions for use**

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

#### **5.2. Risk mitigation measures**

## 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

## 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 36 months.

(See also use specific instructions)

## 6. Other information

To be included on the label:  
EUH208 - Contains methyl methacrylate and n-butyl methacrylate. May produce an allergic reaction.  
Total binder range (including solvents): 12.00-20.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

<b>Trade name(s)</b>	Racing Blue	Market area: NO
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	NO-0022018-0031 1-18	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20,09
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,57
Rosin		Non-active substance	8050-09-7	232-475-7	8,12
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,24

<b>Trade name(s)</b>	Racing Dark Blue	Market area: NO
----------------------	------------------	-----------------



## Authorisation number

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0032 1-18

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20,06
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,64
Rosin		Non-active substance	8050-09-7	232-475-7	8,22
Zinc oxide		Non-active substance	1314-13-2	215-222-5	15,88

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Sea1-Meta19

### 1.2. Suffix to the authorisation number

1-19

### 1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

## 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59 - 40
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20 - 25
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 6,5
Zinc oxide		Non-active substance	1314-13-2	215-222-5	15,88 - 24

## 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Wear eye or face protection.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. -  
No smoking.  
Avoid breathing vapours.  
Wash hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Collect spillage.

Store locked up.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

#### 4. Authorised use(s) of the meta SPC

##### 4.1 Use description

##### Use 1 - Use # 19.1 - Professionals - Vesel Cat. 1 Art. 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation

<b>Product type</b>	PT21 - Antifouling products (Other biocidal products)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Slime, Weed (macro algae) and Animals (all development stages) Development stage:
<b>Field(s) of use</b>	Indoor  Outdoor  The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.  Vessel categories: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).  Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects

<p><b>Application method(s)</b></p>	<p>Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions</p> <p>The products are not intended for use in aquaculture.</p> <p>Method: Painting Detailed description: Brush, roller, airless spray.</p>
<p><b>Application rate(s) and frequencies</b></p>	<p>Application Rate: 0.08 L/m<sup>2</sup> for Vessel Cat. 1, 0.2 L/m<sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m<sup>2</sup> for other structures Dilution (%): Number and timing of application:</p> <p>Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.</p> <p>In case of a first launching of a brand new boat, ensure that there are no unpainted areas.</p> <p>Vessel Cat. 3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m<sup>2</sup>.</p> <p>Other structures: Application rate may vary (0.08-0.2 L/m<sup>2</sup>). Please consult with the authorisation holder.</p>
<p><b>Category(ies) of users</b></p>	<p>Professional</p>
<p><b>Pack sizes and packaging material</b></p>	<p>0.75, 3, 5, 10, 20 litre steel drums.</p>

#### 4.1.1 Use-specific instructions for use

See general instructions for use

#### 4.1.2 Use-specific risk mitigation measures

##### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

##### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) 10.

##### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

#### 4.2 Use description

##### Use 2 - Use # 19.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

##### Product type

PT21 - Antifouling products (Other biocidal products)

##### Where relevant, an exact description of the authorised use

-

##### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

##### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.

##### Application method(s)

Method: Painting  
Detailed description:  
Brush, roller.

##### Application rate(s) and frequencies

Application Rate: 1 coat = 0.08 L/m<sup>2</sup> (DFT 40 µm)

Dilution (%):

Number and timing of application:

Vessel Cat. 1:

Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m<sup>2</sup>.

In case of a first launching of a brand new boat, ensure that there are no unpainted areas.

##### Category(ies) of users

General public (non-professional)

## Pack sizes and packaging material

0.75, 3, 5, 10 litre steel drums.

### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.

(See also general instructions for use)

### 4.2.2 Use-specific risk mitigation measures

Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).

Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.

(See also general risk mitigation measures)

### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

## 5. General directions for use of the meta SPC

### 5.1. Instructions for use

The surface must be clean and dry.

Products must be stirred well to a homogenous solution prior to use.

Frequently stirring during use is recommended.

Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.

The coating must be dry before immersion.

The users should report straightforward to the registration holder in case of inefficacy.

### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment



IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months.

(See also use specific instructions)

## 6. Other information

Supplemental hazard statements:

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH208 - Contains methyl methacrylate and n-butyl methacrylate. May produce an allergic reaction.

Total binder range (including solvents): 14.00-20.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

**Trade name(s)**

Racing S1M8

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0033 1-19

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	35,59
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	20,07
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,64
Zinc oxide		Non-active substance	1314-13-2	215-222-5	15,88

**1. Meta SPC administrative information****1.1. Meta SPC identifier**

Sea1-Meta20

**1.2. Suffix to the authorisation number**

1-20

**1.3 Product type(s)**

PT21 - Antifouling products (Other biocidal products)

## 2. Meta SPC composition

### 2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	26 - 28,4
Xylenes		Non-active substance	1330-20-7	215-535-7	4,3 - 6,7
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,43 - 2,23
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	5 - 12,9
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	2 - 4,8
Rosin		Non-active substance	8050-09-7	232-475-7	8 - 10
Zinc oxide		Non-active substance	1314-13-2	215-222-5	16,08 - 21
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,41 - 2,21

### 2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AL - Any other liquid

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Flammable liquid and vapour.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.

Read carefully and follow all instructions.

Wear protective gloves.

Wear eye or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Avoid release to the environment.

Avoid breathing vapours.

Wash hands thoroughly after handling.

Do no eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Collect spillage.

Store locked up.

Take off contaminated clothing.And wash it before reuse.

IF SWALLOWED:Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

IF ON SKIN:Wash with plenty of water.

If skin irritation or rash occurs:Get medical attention.

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

Dispose of contents to all local, regional, national and international regulations.

Dispose of container to all local, regional, national and international regulations.

#### 4. Authorised use(s) of the meta SPC

##### 4.1 Use description

**Use 1 - Use # 20.1 - Professionals - Vessel Cat. 1 Art 19(1) authorisation / Vessel Cat. 3 and other structures Art. 19(1) authorisation**

**Product type**

PT21 - Antifouling products (Other biocidal products)

**Where relevant, an exact description of the authorised use**

-

**Target organism(s) (including development stage)**

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

**Field(s) of use**

Indoor
Outdoor
The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels or other structures used in marine water.
Vessel categories: 1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment. 3. Paint for seagoing vessels for trade or business, naval and governmental vessels, and on super yachts (marine water).
Other structures in marine water like: Mariculture equipment other than fish nets (such as lobster pots) Buoys and other small objects Sluice doors Harbour constructions Inlet pipes of e.g. cooling systems Marine sensors Offshore constructions
The products are not intended for use in aquaculture.
Method: Painting Detailed description: Brush, roller, airless spray.

**Application method(s)****Application rate(s) and frequencies**

Application Rate: 0.08 L/m <sup>2</sup> for Vessel Cat. 1, 0.2 L/m <sup>2</sup> for Vessel Cat. 3, and 0.08-0.2 L/m <sup>2</sup> for other structures Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas.  Vessel Cat. 3: Drydock interval: 12 months. Max total DFT of 100 µm (one coat of 100 µm or two coats of 50 µm). Application rate: 0.2 L/m <sup>2</sup> .  Other structures: Application rate may vary (0.08-0.2 L/m <sup>2</sup> ). Please consult with the authorisation holder.
--

**Category(ies) of users**

Professional
--------------

## Pack sizes and packaging material

0.75, 3, 5, 10, 20 litre steel drums.

### 4.1.1 Use-specific instructions for use

See general instructions for use

### 4.1.2 Use-specific risk mitigation measures

#### Spraying and cleaning of spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).
- Respiratory protection with an assigned protection factor (APF) of at least 10.

#### Potman including cleaning spray equipment:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

#### Brush and roller application:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A protective coverall (at least type 6, EN-13034) (coverall material to be specified by the authorisation holder within the product information).

#### Sandblasting and gritfilling:

- Chemical resistant gloves (4H, teflon, nitrile rubber or polyvinyl alcohol (PVA) gloves) (EN 374).
- Chemical goggles or face shield (EN 166).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) with at least a long-sleeve, long-leg cotton coverall underneath.
- Respiratory protection with an assigned protection factor (APF) of at least 10.

(See also general risk mitigation measures)

[Empty box]

#### 4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

#### 4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

#### 4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Conditions of storage:

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 36 months

(See also general instructions)

#### 4.2 Use description

##### Use 2 - Use # 20.2 - Non-professionals - Vessel Cat. 1 Art. 19(5) authorisation

##### Product type

PT21 - Antifouling products (Other biocidal products)

##### Where relevant, an exact description of the authorised use

-

##### Target organism(s) (including development stage)

Scientific name:  
Common name: Slime, Weed (macro algae) and Animals (all development stages)  
Development stage:

##### Field(s) of use

Outdoor

The products are used to control the growth and settlement of fouling organisms (microbes and higher forms of plant or animal species) on vessels in marine water.

Vessel category:

1. Paint for leisure crafts with a hull length of maximum 24 meter and a berth in marine environment.

<b>Application method(s)</b>	Method: Painting Detailed description: Brush, roller.
<b>Application rate(s) and frequencies</b>	Application Rate: 1 coat = 0.08 L/m <sup>2</sup> (DFT 40 µm) Dilution (%): Number and timing of application:  Vessel Cat. 1: Annual application (maintenance): 1 coat (DFT 40 µm) per year. Application rate: 0.08 L/m <sup>2</sup> .  In case of a first launching of a brand new boat, ensure that there are no unpainted areas.
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	0.75, 3, 5, 10 litre steel drums.

#### 4.2.1 Use-specific instructions for use

Comply with the instructions for use.  
(See also general instructions for use)

#### 4.2.2 Use-specific risk mitigation measures

##### Brush and roller application including washing out of brush:

- Chemical goggles.
- Chemical resistant gloves (EN 374).
- Protective coated coverall (e.g., type 6, EN 13034)

##### Removing paint by dry sanding:

- Chemical goggles.
- Dust mask (respiratory mask with an assigned protection factor of 4) should be worn by non-professionals when removing antifouling paint by dry grinding.
- Chemical resistant gloves (EN 374).
- Coverall or long sleeved shirt and trousers.

(See also general risk mitigation measures)



### 4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

If medical advice is needed, have product container or label at hand .  
IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor

(See also general instructions)

### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general instructions for waste disposal

### 4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Keep out of reach of children and non-target animals/pets .  
Conditions of storage:  
Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.

Claimed shelf-life: 48 months

(See also general instructions)

## 5. General directions for use of the meta SPC

### 5.1. Instructions for use

The surface must be clean and dry.  
Products must be stirred well to a homogenous solution prior to use.  
Frequently stirring during use is recommended.  
Apply the product uniformly on the surfaces to be treated at the application rate so that efficacy is ensured during at least single fouling season.  
The coating must be dry before immersion.  
The users should report straightforward to the registration holder in case of inefficacy.

### 5.2. Risk mitigation measures

Use only outdoors or in a well-ventilated area.

Avoid breathing vapor/mist/dust

Avoid contact with skin and eyes.

Wash hands after handling/use.

Wash contaminated clothing before reuse.

Appropriate gloves should be supplied with products for nonprofessional users to ensure use of gloves when applying the product.

Children should be kept away from the painted boat until the paint is dry.

Unprotected persons should be kept out of treatment areas.

Avoid release to the environment.

Application, maintenance and repair activities shall (1) be conducted within a contained area to prevent losses and minimize emissions to the environment, meaning (2) on an impermeable hard standing with bunding or (3) on soil covered with an impermeable material. Any losses or waste containing dicopper oxide shall be collected for reuse or disposal.

(See also use specific risk mitigation measures)

### **5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment**

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

(See also use specific instructions)

Emergency measures for the environment:

Application solutions must be collected and disposed of as hazardous waste. They must not be released to soil, ground- and surface water or any kind of sewer.

## 5.4. Instructions for safe disposal of the product and its packaging

Dispose of contents and container in accordance with all local, regional, national and international regulations. Hazardous waste due to toxicity.

## 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Keep the containers in a dry, cool, well-ventilated place and away from sources of heat and ignition. Do not store at temperatures above 30°C. Containers must be kept tightly closed.  
Claimed shelf-life: 48 months.

(See also use specific instructions)

## 6. Other information

Total binder range (including solvents): 25.00-31.00

## 7. Third information level: individual products in the meta SPC

### 7.1 Trade name(s), authorisation number and specific composition of each individual product

<b>Trade name(s)</b>	Mare Nostrum Red	Market area: NO
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	NO-0022018-0034 1-20	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	26

Xylenes		Non-active substance	1330-20-7	215-535-7	5,59
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,86
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	11,45
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,54
Rosin		Non-active substance	8050-09-7	232-475-7	9,58
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,88
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,83

**Trade name(s)**

Mare Nostrum Dark Blue

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0035 1-20

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	26
Xylenes		Non-active substance	1330-20-7	215-535-7	5,59
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,86
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	10,62
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,54

Rosin		Non-active substance	8050-09-7	232-475-7	9,58
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,88
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,83

**Trade name(s)**

Mare Nostrum Black

Market area: NO

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

NO-0022018-0036 1-20

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	26
Xylenes		Non-active substance	1330-20-7	215-535-7	5,59
Ethylbenzene		Non-active substance	100-41-4	202-849-4	1,86
Aromatic hydrocarbons C9		Non-active substance	128601-23-0	918-668-5	11,44
2-methoxy-1-methylethyl acetate		Non-active substance	108-65-6	203-603-9	4,54
Rosin		Non-active substance	8050-09-7	232-475-7	9,58
Zinc oxide		Non-active substance	1314-13-2	215-222-5	17,88
1-methoxy-2-propanol	1-methoxy-2-propanol	Non-active substance	107-98-2	203-539-1	1,83

