



## HEEG opinion Amendment of TNsG on Human exposure to biocidal products Antifouling painting model

Following a consultation from SE, the Human Exposure Expert Group has discussed on the information provided in the TNsG on Human exposure to biocidal products for the scenario *Non-professionals brushing and roller painting antifouling paint on underside of small boats* (Consumer product painting model 4). The source paper (*Ann. Occup. Hyg., Vol.44, No.6, pp. 421-426, 2000; Garrod, Guiver, Rimmer*) was analyzed. Particularly, the indicative value for body exposure was re-calculated.

The outcome is that the information provided in the TNsG version 2 (2007) page 63 and TNsG User guidance (2002) need to be amended as following (crossed or underlined text). Contradictory information from TNsG (2002) part 2 p.203 must not be used.

<p>Non-professionals brushing and roller painting antifouling paint on underside of small boats, outdoor (direct from can or paint tray). Hand exposure is actual exposure inside gloves or on gloves.</p> <p><u>These generic indicative values are for in-use product (i.e. antifouling paint) and are based on antifouling paints of densities ranging from 1.25 to 2 g/ml</u> <i>Ann. Occup. Hyg. 44: 421-426 (2000); ACP – SC 11000 – Consumer exposure to non-agricultural pesticide products</i> <i>Consumer product painting model 4 TNsGpart2, p203</i></p>	<p>Brushing and roller</p>	<p>Gloved hands (<u>potential</u>) 76.6 mg/min Protected hands (<u>actual</u>) 18.5 mg/min Body <del>50.8</del> 30.7 mg/min Inhalation 0.05 mg/m<sup>3</sup></p>	<p>Uncertainty for hand exposures is <i>high</i>. Indicative exposure is highest value out of 9 data for protected hands and out of 2 data for gloved hands. Uncertainty for body and inhalation exposures is <i>moderate</i>. 90% C.I. for 75<sup>th</sup>: 28-91 (body), 0.035-0.07 (inhalation).</p>
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Rapporteurs are asked to use the corrected data in their coming assessments.