

**Succinct summary of representative risk management measures
(RMMs) and operational conditions (OCs)**

Legal name of applicant(s): *PPG Industries (UK) Ltd.*

Submitted by: *PPG Industries (UK) Ltd.*

Substance: *4-(1,1,3,3-Tetramethylbutyl) phenol, ethoxylated*

Use title: *The formulation of a hardener component containing OPE within Aerospace two-part polysulfide sealants used by Airbus and their associated supply chains*

Use number: *Use 1*

June 2023

The formulation of a hardener component containing OPE within Aerospace two-part polysulfide sealants used by Airbus and their associated supply chains

ECS	Task (ERC/spERC)	Annual amount across EU (tpa)	Technical RMMs†, including: *Containment, *Ventilation (general, LEV...) *customized technical installation, etc	Organisational RMMs†, including: *Duration and Frequency of exposure *OSH management system *Supervision *Monitoring arrangements *Training, etc	PPE† (characteristics)	Other conditions	Effectiveness of waste water and waste air treatment (for ERC)	Release factors: water, air and soil (for ERC)	Detailed info. in CSR (page)
ECS 1	ERC 2: Formulation of hardener component	0.05 – 0.15	<p>No release of hardener or sealant to wastewater from the facility during repackaging, and related cleaning and maintenance activities</p> <p>No water supplied to or used in, and no release to wastewater from the facility during hardener production, and related cleaning and maintenance activities.</p>	<p>Formulation over an 8-hour working shift, 24 days per year.</p> <p>Worker training on handling of chemicals and waste materials, including PPE.</p>	Disposable PPE (e.g. gloves, eye protection, disposable aprons) is only relevant in terms of preventing release to the environment.	Contaminated waste is collected and processed by licensed third party waste management contractors as hazardous waste in line with applicable local, regional, and national regulations. Compliance with these regulations precludes release to the environment and involves incineration.	No release to water, air, soil or sediment from the site.	<p>Water: 0 (no release to water)</p> <p>Air: 0 (no release to air)</p> <p>Soil: 0 (no release to soil)</p>	129