

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

Legal name of applicant(s): *Chemetall Limited*

Submitted by: *Chemetall Limited*

Substance: *4-Nonylphenol, branched and linear, ethoxylated*

Use title: *Mixing, by Aerospace companies and their associated supply chains, including the Applicant, of base sealant components with NPE containing hardener, resulting in mixtures containing less than 0.1% w/w of NPE for Aerospace uses that are exempt from authorisation under REACH Art. 56(6)(a)*

Use number: *Use 1*

June 2023

Mixing, by Aerospace companies and their associated supply chains, including the Applicant, of base sealant components with NPE containing hardener, resulting in mixtures containing less than 0.1% w/w of NPE for Aerospace uses that are exempt from authorisation under REACH Art. 56(6)(a)

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 2 ECS 3 ECS 4	ERC 6b ¹ : Use and handling of the hardener component within two-part polysulfide sealant kits	0.04 - 0.07	No release of hardener or sealant to wastewater from the facility during sealant mixing, and related cleaning and maintenance activities. Workers are trained in handling of the sealant, including waste management processes.	Daily use at site up to 24-hours, 365 days per year. Worker training on handling of chemicals and waste materials, including PPE.	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.	Water: 0 (no release to water) Air: 0 (no release to air) Soil: 0 (no release to soil)	93

¹ Use of reactive processing aid at industrial site (no including into or onto article)