# **SAFETY DATA SHEET**



Date of issue/Date of revision 17 July 2024 Version 1

Section 1. Identification		
Product code	: 000001198071	
Product name	: NOVAGUARD 260 BASE GREY	
Other means of identification		
00472392		
Product type	: Liquid.	
Relevant identified uses of the substance or mixture and uses advised against		
	Coating. Professional applications, Used by spraying.	
Supplier's details	: PPG Industries (Singapore) Pte. Ltd., No. 1 Tuas Basin Close, Singapore 638803. Tel +65 68653737	
Emergency telephone number (with hours of operation)	: CHEMTREC +(65)-31581349 (CCN 17704)	

# Section 2. Hazards identification

Classification of the substance or mixture	: FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SKIN SENSITISATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

**GHS** label elements, including precautionary statements



Section 2. Hazards identification

Hazard statements	: Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Harmful if inhaled.
	May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.
Precautionary statements	
Prevention	: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapour. Wash thoroughly after handling.
Response	: Get medical advice/attention if you feel unwell. IF INHALED: 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 advice or attention. IF IN EYES: Rinse cautiously with water fo several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor.
Storage	: Store in a well-ventilated place. Keep container tightly closed.
Disposal	: Not applicable.

### **Other hazards which do not** : Prolonged or repeated contact may dry skin and cause irritation.

result in classification

## Section 3. Composition/information on ingredients

Substance/mixture : Mixture

### CAS number/other identifiers

CAS number EC number	: Not applicable. : Mixture.		
Ingredient name		%	CAS number
Phenol, polymer with formalde xylene Talc, not containing asbestifor 2-methylpropan-1-ol crystalline silica, respirable pov ethylbenzene		20 - <25 10 - <20 5 - <10 3 - <5 1 - <3 1 - <3 0.1 - <0.3	28064-14-4 1330-20-7 14807-96-6 78-83-1 14808-60-7 100-41-4 100545-48-0

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers.

## Section 4. First aid measures

## Description of necessary first aid measures

Eye contact	<ul> <li>Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.</li> </ul>
Inhalation	<ul> <li>Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.</li> </ul>
Skin contact	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>
Ingestion	<ul> <li>If swallowed, seek medical advice immediately and show the container or label.</li> <li>Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>

Most important symptoms/effects, acute and delayed		
Potential acute health effect	<u>ts</u>	
Eye contact	: (	Causes serious eye damage.
Inhalation	: F	Harmful if inhaled. May cause respiratory irritation.
Skin contact	: (	Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: N	No known significant effects or critical hazards.
Over-exposure signs/symp	<u>toms</u>	
Eye contact	۲ ۲	Adverse symptoms may include the following: pain watering redness
Inhalation	r	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	p r c	Adverse symptoms may include the following: pain or irritation redness dryness cracking plistering may occur
Ingestion		Adverse symptoms may include the following: stomach pains
Indication of immediate med	lical a	attention and special treatment needed, if necessary
Notes to physician		Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: N	No specific treatment.
Protection of first-aiders	i: r P	No action shall be taken involving any personal risk or without suitable training. If it s suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### See toxicological information (Section 11)

Singapore	English (GB)	Page: 3/14
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## Section 5. Firefighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides sulfur oxides metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

contractor.

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and material for con	ta	inment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an

appropriate waste disposal container. Dispose of via a licensed waste disposal

## Section 6. Accidental release measures

### Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

## Control parameters

## **Occupational exposure limits**

Ingredient name		Exposure limits
xylene		Workplace Safety and Health Act (Singapore, 2/2006). [Xylene] PEL (short term): 651 mg/m <sup>3</sup> 15 minutes. PEL (short term): 150 ppm 15 minutes. PEL (long term): 434 mg/m <sup>3</sup> 8 hours.
Talc , not containing asbestiforn	n fibres	PEL (long term): 100 ppm 8 hours. Workplace Safety and Health Act (Singapore, 2/2006).
2-methylpropan-1-ol		PEL (long term): 2 mg/m <sup>3</sup> 8 hours. Workplace Safety and Health Act (Singapore, 2/2006). PEL (long term): 152 mg/m <sup>3</sup> 8 hours. PEL (long term): 50 ppm 8 hours.
crystalline silica, respirable powder (<10 microns)		ACGIH TLV (United States, 7/2023). [Silica, crystalline] TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable
ethylbenzene		Workplace Safety and Health Act (Singapore, 2/2006). PEL (short term): 543 mg/m <sup>3</sup> 15 minutes. PEL (short term): 125 ppm 15 minutes. PEL (long term): 434 mg/m <sup>3</sup> 8 hours. PEL (long term): 100 ppm 8 hours.
Recommended monitoring : procedures		appropriate monitoring standards. Reference to or methods for the determination of hazardous d.
appropriate engineering : controls	ventilation or other engineering contaminants below any recom	ion. Use process enclosures, local exhaust controls to keep worker exposure to airborne mended or statutory limits. The engineering controls or dust concentrations below any lower explosive atilation equipment.
invironmental exposure : controls	they comply with the requireme cases, fume scrubbers, filters of	ork process equipment should be checked to ensure nts of environmental protection legislation. In some or engineering modifications to the process reduce emissions to acceptable levels.
ndividual protection measures Hygiene measures :	eating, smoking and using the I Appropriate techniques should Contaminated work clothing sho	e thoroughly after handling chemical products, before avatory and at the end of the working period. be used to remove potentially contaminated clothing. ould not be allowed out of the workplace. Wash eusing. Ensure that eyewash stations and safety tation location

Singapore	English (GB)	Page: 6/14
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Version 1

Section 8. Exposure controls/personal protection

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Eye/face protection	: Chemical splash goggles and face shield.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Gloves	: butyl rubber
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
Other skin protection	<ul> <li>Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.</li> </ul>
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

# Section 9. Physical and chemical properties

Auto-ignition temperature	:	Lowest known va	lue: 415°C (779°F) (2-methylpropan-1-ol).
		cold water	Not soluble
Solubility(ies)		Media	Result
Relative density	:	1.78	
Vapour density	:	Highest known va	alue: 3.7 (Air = 1) (xylene). Weighted average: 3.47 (Air = 1)
Vapour pressure	:		alue: <1.6 kPa (<12 mm Hg) (at 20°C) (2-methylpropan-1-ol). e: 1.05 kPa (7.88 mm Hg) (at 20°C)
Flammability (solid, gas)	:	liquid	
Evaporation rate	-	Highest known va butyl acetate	alue: 0.84 (ethylbenzene) Weighted average: 0.75compared with
Flash point	:	Closed cup: 28°C	C (82.4°F)
Boiling point	:	>37.78°C (>100°I	F)
рН		Not applicable.	
Odour	:	Aromatic. [Slight]	
Colour	:	Grey.	
Physical state	:	Liquid.	
<u>Appearance</u>			

## Section 9. Physical and chemical properties

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: Kinematic (room temperature): >400 mm<sup>2</sup>/s (>400 cSt) Kinematic (40°C (104°F)): >21 mm<sup>2</sup>/s (>21 cSt)

Viscosity : 60 - 100 s (ISO 6mm)

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products.
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
Hazardous decomposition products	: Depending on conditions, decomposition products may include the following materials: carbon oxides sulfur oxides metal oxide/oxides

## Section 11. Toxicological information

### Information on toxicological effects

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
	LD50 Oral	Rat	4.3 g/kg	-
2-methylpropan-1-ol	LC50 Inhalation Vapour	Rat	24.6 mg/l	4 hours
51 1	LD50 Dermal	Rabbit	2460 mg/kg	-
	LD50 Oral	Rat	2830 mg/kg	-
ethylbenzene	LC50 Inhalation Vapour	Rat	17.8 mg/l	4 hours
2	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-
Octadecanoic acid,	LC50 Inhalation Dusts and mists	Rat	5.05 mg/l	4 hours
12-hydroxy-, reaction			U U	
products with				
ethylenediamine				
-	LD50 Oral	Rat	>2000 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
xylene	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Conclusion/Summary Skin :	There are no data available	on the mixtur	e itself.	-	•

Singapore	English (GB)	Page: 8/14
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## Section 11. Toxicological information

: There are no data available on the mixture itself.

Respiratory

Eyes

: There are no data available on the mixture itself.

### **Sensitisation**

Product/ingredient name	Route of exposure	Species	Result
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	skin	Guinea pig	Sensitising
Conclusion/Summary			
Skin :	There are no data a	available on the mixture itself.	
Respiratory :	There are no data a	available on the mixture itself.	
Mutagenicity			
Conclusion/Summary :	There are no data	available on the mixture itself.	
Carcinogenicity			
Conclusion/Summary :	There are no data	available on the mixture itself.	
Reproductive toxicity			
Conclusion/Summary :	There are no data	available on the mixture itself.	
<b>Teratogenicity</b>			
Conclusion/Summary :	There are no data	available on the mixture itself.	

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
xylene	Category 3	-	Respiratory tract irritation
Talc , not containing asbestiform fibres	Category 3	-	Respiratory tract irritation
2-methylpropan-1-ol	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects

### Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
crystalline silica, respirable powder (<10 microns)	Category 1	inhalation	-
ethylbenzene	Category 2	-	hearing organs

### Aspiration hazard

Name	Result
	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

# Information on likely routes : Not available. of exposure

Singapore	English (GB)	Page: 9/14
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Version 1

## Section 11. Toxicological information

### Potential acute health effects

Eye contact	: Causes serious eye damage.
Inhalation	: Harmful if inhaled. May cause respiratory irritation.
Skin contact	: Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure **Potential immediate** : Not available. effects Potential delayed effects : Not available. Long term exposure **Potential immediate** : Not available. effects Potential delayed effects : Not available. Potential chronic health effects : May cause damage to organs through prolonged or repeated exposure. Prolonged General or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Carcinogenicity : No known significant effects or critical hazards. **Mutagenicity** : No known significant effects or critical hazards. : No known significant effects or critical hazards. **Reproductive toxicity**

## Numerical measures of toxicity

Acute toxicity estimates

Singapore	English (GB)	Page: 10/14
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## Section 11. Toxicological information

Route	ATE value
Inhalation (vapours)	8502.63 mg/kg 24.52 mg/l 3.15 mg/l

### Other information

Prolonged or repeated contact may dry skin and cause irritation. Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing.

## Section 12. Ecological information

### **Toxicity**

Product/ingredient name	Result	Species	Exposure
2-methylpropan-1-ol	Acute EC50 1100 mg/l	Daphnia	48 hours
ethylbenzene	Acute EC50 1.8 mg/l Fresh water	Daphnia	48 hours
,	Chronic NOEC 1 mg/l Fresh water	Daphnia - Ceriodaphnia dubia	-
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	Acute EC50 >100 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
,	Acute EC50 >10 mg/l Acute LC50 >10 mg/l	Daphnia - <i>Daphnia magna</i> Fish - <i>Oncorhynchus mykiss</i>	48 hours 96 hours

**Conclusion/Summary** 

: There are no data available on the mixture itself.

### Persistence/degradability

Product/ingredient name	Test	Result	Dose	Inoculum
	- 301D Ready Biodegradability - Closed Bottle Test	79 % - Readily - 10 days 22 % - 28 days	-	-

Conclusion/Summary	Conc	lusio	n/Sum	mary
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: There are no data available on the mixture itself.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
xylene ethylbenzene Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	-	-	Readily Readily Inherent

### **Bioaccumulative potential**

Singapore	English (GB)	Page: 11/14
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Version 1

## Section 12. Ecological information

	<u> </u>		
Product/ingredient name	LogPow	BCF	Potential
xylene 2-methylpropan-1-ol ethylbenzene Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	3.12 1 3.6 >5.86	7.4 to 18.5 - 79.43 -	Low Low Low High

<u>Mobility in soil</u>	
Soil/water partition coefficient (Koc)	: Not available.

Other adverse effects : No known significant effects or critical hazards.

# Section 13. Disposal considerations

Disposal methods	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

# Section 14. Transport information

	UN	IMDG	ΙΑΤΑ
UN number	UN1263	UN1263	UN1263
JN proper PAINT hipping name		PAINT	PAINT
Transport hazard 3 class(es)		3	3
Packing group III		III	III
Environmental No. hazards		No.	No.
Marine pollutantNot applicable.substances		Not applicable.	Not applicable.

Singapore	English (GB)	Page: 12/14
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## Section 14. Transport information

### Additional information

UN	: This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.1.	
IMDG	This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.	
ΙΑΤΑ	: None identified.	
<b>Special precautions for user : Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.		

Transport in bulk according : Not applicable. to IMO instruments

## Section 15. Regulatory information

### Singapore - hazardous chemicals under government control

None.

### International regulations

**Montreal Protocol** 

Not listed.

### Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Section 16. Other information

<u>History</u>	
Date of issue/Date of revision	: 17 July 2024
Date of previous issue	: No previous validation
Version	: 1
Prepared by	: EHS
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

### Indicates information that has changed from previously issued version.

### Notice to reader

Singapore	English (GB)	Page: 13/14
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## Section 16. Other information

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.