# **SAFETY DATA SHEET**

Date of issue : 8 November 2021 : 4

Version

### Section 1. Identification

Product code	: 571B/4L			
Product name	: AMERTHANE PRIMER HARDENER			
Product type	: Liquid.			
Recommended use and res	Recommended use and restrictions			
Use of the substance/ mixture	: Coating.			
Uses advised against	: Not applicable.			
Supplier's details	: PPG INDUSTRIES NEW ZEALAND LTD 5 MONAHAN ROAD, MT WELLINGTON, AUCKLAND www.ppgnz.co.nz Telephone Numbers: 09 573 1620, 0800 659378			
	09 573 1820, 0800 659378 021 940 920 (24 Hours)			
Emergency telephone number (with hours of operation)	: New Zealand 0800 000 096 (24 hours) / Australia 1800 883 254 (24 hours) For international shipping emergencies: 1-412-391-1618			
e-mail address of person responsible for this SDS	: ehsnz@ppg.com			

### Section 2. Hazards identification

HSNO Classification	: AMMABLE LIQUIDS - Category 2
	ACUTE TOXICITY (oral) - Category 4
	ACUTE TOXICITY (inhalation) - Category 4
	SKIN IRRITATION - Category 2
	EYE IRRITATION - Category 2
	SKIN SENSITISATION - Category 1
	REPRODUCTIVE TOXICITY - Category 2
	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 2
	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 4
Symbol	
<u>GHS label elements</u>	
Signal word	: Danger
-	-

### Section 2. Hazards identification

Hazard statements	: Ħ̃ghly flammable liquid and vapour. Harmful if swallowed or if inhaled.
	Causes skin irritation.
	May cause an allergic skin reaction.
	Causes serious eye irritation.
	Suspected of damaging fertility or the unborn child.
	May cause damage to organs.
	May cause damage to organs through prolonged or repeated exposure.
	May cause long lasting harmful effects to aquatic life.
	Prolonged or repeated contact may dry skin and cause irritation.
Precautionary statements	
Prevention	: Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and 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 not breathe vapour. Wash thoroughly after handling.
Response	: F exposed or concerned: Call a POISON CENTER or doctor. 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 for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	: Not applicable.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification	: Prolonged or repeated contact may dry skin and cause irritation.

This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and has been classified according to the Hazardous Substances (Classifications) Notice 2017.

This material is classified as DANGEROUS GOODS according to criteria in New Zealand Land Transport Rule: Dangerous Goods 2005.

### Section 3. Composition/information on ingredients

Substance/mixture		Μ
<b>CAS number/other identifiers</b>		

Mixture

Product code

: 571B/4L

Hazardous ingredients	%	CAS number
P-butyl acetate toluene Toluene diisocyanate, oligomeric reaction products with 2,2'-oxydiethanol and propylidenetrimethanol	30 - 60 30 - 60 10 - <30	123-86-4 108-88-3 53317-61-6
Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane ethyl acetate	10 - <30 1 - <10	26426-91-5 141-78-6

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 or have an OEL and hence require reporting in this section.

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

### Section 4. First aid measures

Description of necessary fir	'st ai	<u>d measures</u>
Eye contact	:	Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	:	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.
Skin contact	:	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion		If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
Most important symptoms/e	effec	ts, acute and delayed
Potential acute health effe	<u>cts</u>	
Eye contact	1	Causes serious eye irritation.
Inhalation	1	Harmful if inhaled.
Skin contact	:	May cause damage to organs following a single exposure in contact with skin. Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	-	Farmful if swallowed. May cause damage to organs following a single exposure if swallowed.
<u>Over-exposure signs/symp</u>	otom	<u>IS</u>
Eyes	:	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	:	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
Skin		Adverse symptoms may include the following: irritation redness dryness cracking reduced foetal weight increase in foetal deaths skeletal malformations
Ingestion	:	Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
Indication of immediate med	dical	attention and special treatment needed, if necessary
Specific treatments	1	Not available.
Notes to physician	-	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is 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)		

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### Section 5. Firefighting measures

### Extinguishing media

Suitable	se dry chemical, CO <sub>2</sub> , water spray (fog) or foam.	
Not suitable	o not use water jet.	
Specific hazards arising from the chemical	Ighly flammable liquid and vapour. Runoff to sewer may create fire or exp azard. In a fire or if heated, a pressure increase will occur and the contain urst, with the risk of a subsequent explosion. This material may cause long armful effects to aquatic life. Fire water contaminated with this material may pontained and prevented from being discharged to any waterway, sewer or o	er may g lasting ust be
Hazardous thermal decomposition products	ecomposition products may include the following materials: arbon oxides itrogen oxides yanate and isocyanate. ydrogen cyanide	
Special precautions for fire- fighters	romptly isolate the scene by removing all persons from the vicinity of the in here is a fire. No action shall be taken involving any personal risk or withou uitable training. Move containers from fire area if this can be done without se water spray to keep fire-exposed containers cool.	ut
Special protective equipment for fire-fighters	ire-fighters should wear appropriate protective equipment and self-containe reathing apparatus (SCBA) with a full face-piece operated in positive press node.	

### Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	: <b>F</b> 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). Water polluting material. May be harmful to the environment if released in large quantities.
Methods and material for cor	tainment 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 contractor.
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	Fut 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. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. 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.
Conditions for safe storage, : including any incompatibilities	Do not store above the following temperature: 50°C (122°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

Ingredient name	Exposure limits
p-butyl acetate	NZ HSWA 2015 (New Zealand, 11/2020). WES-STEL: 950 mg/m <sup>3</sup> 15 minutes. WES-STEL: 200 ppm 15 minutes. WES-TWA: 713 mg/m <sup>3</sup> 8 hours. WES-TWA: 150 ppm 8 hours.
toluene	NZ HSWA 2015 (New Zealand, 11/2020). Absorbed through skin. WES-TWA: 188 mg/m <sup>3</sup> 8 hours. WES-TWA: 50 ppm 8 hours.
Benzene, 2,4-diisocyanato-1-methyl-, polymer with 1,6-diisocyanatohexane	NZ HSWA 2015 (New Zealand, 11/2020). Skin sensitiser. Inhalation sensitiser. WES-TWA: 0.02 mg/m <sup>3</sup> , (measured as - NCO) 8 hours. WES-STEL: 0.07 mg/m <sup>3</sup> , (measured as - NCO) 15 minutes.
ethyl acetate	NZ HSWA 2015 (New Zealand, 11/2020). WES-TWA: 720 mg/m <sup>3</sup> 8 hours. WES-TWA: 200 ppm 8 hours.

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### Section 8. Exposure controls/personal protection

Recommended monitoring procedures	:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
Appropriate engineering controls	:	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measure	<u>es</u>	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
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.
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	1	butyl rubber
Eye protection	1	Chemical splash goggles.
Skin protection	:	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.
Restrictions on use	:	Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used.

### Section 9. Physical and chemical properties

#### **Appearance**

Physical state	:	Liquid.
Colour	1	Clear.
Odour	:	Not available.
Odour threshold	:	Not available.
рН	:	Not applicable.
Melting point	:	Not available.
Boiling point	:	77°C (170.6°F)
Flash point	:	Closed cup: 4°C (39.2°F)
Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	1	Not available.
Vapour pressure	:	Not available.
Relative density	:	0.95
Bulk Density (g/cm³)	:	0.94
Solubility	:	Insoluble in the following materials: cold water.
Partition coefficient: n- octanol/water	:	Not applicable.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	1	Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)

### Section 10. Stability and reactivity

Stability	: Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials	: Reactive or incompatible with the following materials: oxidising materials strong acids strong alkalis
Hazardous decomposition products	<ul> <li>Depending on conditions, decomposition products may include the following materials: Cyanate and isocyanate. carbon oxides nitrogen oxides hydrogen cyanide</li> </ul>
Hazardous polymerisation	: Under normal conditions of storage and use, hazardous polymerisation will not occur.

### Section 11. Toxicological information

#### Information on likely routes of exposure

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Skin contact	: May cause damage to organs following a single exposure in contact with skin. Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: Harmful if swallowed. May cause damage to organs following a single exposure if swallowed.
Inhalation	: Harmful if inhaled.

### Section 11. Toxicological information

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#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure	
-butyl acetate	LC50 Inhalation Vapour	Rat	>21.1 mg/l	4 hours	
-	LC50 Inhalation Vapour	Rat	2000 ppm	4 hours	
	LD50 Dermal	Rabbit	>17600 mg/kg	-	
	LD50 Oral	Rat	10.768 g/kg	-	
toluene	LC50 Inhalation Vapour	Rat	49 g/m³	4 hours	
	LD50 Dermal	Rabbit	8.39 g/kg	-	
	LD50 Oral	Rat	5580 mg/kg	-	
Toluene diisocyanate, oligomeric reaction products with 2,2'-oxydiethanol and propylidenetrimethanol	LD50 Oral	Rat	>5000 mg/kg	-	
ethyl acetate	LD50 Dermal	Rabbit	>5 g/kg	-	
-	LD50 Oral	Rat	5620 mg/kg	-	
Conclusion/Summary	: There are no data available or	n the mixture its	self.		
rritation/Corrosion					
Conclusion/Summary					
Skin	: There are no data available or	n the mixture its	self.		
Eyes	: There are no data available on the mixture itself.				
Respiratory	: There are no data available on the mixture itself.				
<u>Sensitisation</u>					
Conclusion/Summary					
Skin	: There are no data available or	There are no data available on the mixture itself.			

- : There are no data available on the mixture itself.
- Respiratory : There are no data available on the mixture itself.

Potential chronic health effects

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### Section 11. Toxicological information

		-
General	:	May cause damage to organs through prolonged or repeated exposure. Prolonged 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.
Skin contact		Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	1	No known significant effects or critical hazards.
Mutagenicity	1	No known significant effects or critical hazards.
Teratogenicity	1	Suspected of damaging the unborn child.
<b>Developmental effects</b>	1	No known significant effects or critical hazards.
Fertility effects	1	Suspected of damaging fertility.
Chronic toxicity		
Not available.		
<b>Carcinogenicity</b>		
<b>Conclusion/Summary</b>	1	There are no data available on the mixture itself.
<b>Mutagenicity</b>		
<b>Conclusion/Summary</b>	1	There are no data available on the mixture itself.
<b>Teratogenicity</b>		
<b>Conclusion/Summary</b>	:	There are no data available on the mixture itself.
Reproductive toxicity		
<b>Conclusion/Summary</b>	:	There are no data available on the mixture itself.
Specific target organ toxic	<u>ity</u> :	

Name		Route of exposure	Target organs
	- 3,	inhalation inhalation	-

#### Aspiration hazard

Not available.

#### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Øral	1540.93 mg/kg
Inhalation (vapours)	15.21 mg/l

#### Other information

Prolonged or repeated contact may dry skin and cause irritation. 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.

**Ecotoxicity** 

#### Product name AMERTHANE PRIMER HARDENER

### Section 12. Ecological information

: This material may cause long lasting harmful effects to aquatic life.

Aquatic and terrestrial toxi	<u>city</u>					
Product/ingredient name	Result		Species			Exposure
-butyl acetate	Acute LC50	18 mg/l	Fish			96 hours
Persistence/degradability	•					•
Product/ingredient name	Test	Result	[	Dose	Inoc	ulum

r roudouring ouront numo		rtoount		2000	mooulum
<b>p</b> -butyl acetate	TEPA and OECD 301D	83 % - Readily - 28 c	days	-	-
Product/ingredient name	Aquatic half-life		Photolysis	5	Biodegradability
<b>p</b> -butyl acetate toluene	-		-		Readily Readily

#### Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
r→butyl acetate	2.3	8.32	low
toluene	2.73		low
ethyl acetate	0.68		low

#### Mobility in soil

Soil/water partition coefficient (Koc)

Other adverse effects

: Not available.

: No known significant effects or critical hazards.

Do not allow to enter drains or watercourses.

### 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.
Not suitable:	4	Do not allow to enter drains or watercourses.

The classification of the product may meet the criteria for a hazardous waste. Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

#### Product name AMERTHANE PRIMER HARDENER

### 14. Transport information

	1		
	NZ	IMDG	ΙΑΤΑ
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
	PLANAALE		
Packing group	II	II	II
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.

#### **Additional information**

NZ	: None identified.
Hazchem code	: •3YE
IMDG	: None identified.
ΙΑΤΑ	: None identified.
IMDG	: None identified.

Special precautions for user : Transport within user's premises: 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

New Zealand Inventory of Chemicals (NZIoC)	: All components are listed or exempted.
HSNO Approval Number	: HSR002662 Flammable
Emergency Management Regulations	: Level 1: Labelling required when 1L is present in a workplace.
	Level 2: MSDS required when any amount is present in a workplace. At least 2 x 4.5 kg powder fire extinguishers required when 250L is present in a workplace.
	Level 3: Emergency Response Plans and Secondary Containment required when 1000L is stored.
	Flammable Signage required when 250L is present in a workplace.
	Toxic Signage required when 10000L is present in a workplace.

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### Section 15. Regulatory information

Classes 1 to 5 Control Regulations	<ul> <li>Hazardous Atmosphere Zones required for quantities greater than:</li> <li>100L (closed), 25L (decanting), 5L (open occasionally), 1L (open continuously).</li> <li>Hazardous Substances Location Certificate required for quantities greater than:</li> <li>250L (containers up to 5L), 100L (containers &gt;5L), 50L (open containers).</li> </ul>				
Approved Handler	: Yes - For quantities greater than 500L in containers up to 5L; or 250 L in containers >5L.				
International regulations					
Chemical Weapon Convent	ion List Schedules I, II & III Chemicals				
Not listed.					
Montreal Protocol					
Not listed.					
Stockholm Convention on Persistent Organic Pollutants					
Not listed.					
Rotterdam Convention on Prior Informed Consent (PIC)					
Not listed.					
UNECE Aarhus Protocol on POPs and Heavy Metals					
Not listed.					

### Section 16. Other information

Date of issue	\$	8 November 2021	
Indicates information that has changed from previously issued version.			
Key to abbreviations	:	STEL = Short Term Exposure Limit TWA = Time-Weighted Average WES = Work Exposure Standard	
References	:	Not available.	
Organisation that prepared the SDS	:	EHS	

#### **Disclaimer**

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.