# **SAFETY DATA SHEET**

Date of issue : 22 January 2024 Version : 5.01



### Section 1. Identification

Product code	: 700000/20L
Product name	: FLOOD PENETROL
Product type	: Liquid.
Recommended use and res	trictions
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 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

: FLAMMABLE LIQUIDS - Category 3
SKIN SENSITISATION - Category 1
CARCINOGENICITY - Category 2
REPRODUCTIVE TOXICITY - Category 1
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 2
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
ASPIRATION HAZARD - Category 1
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
$\langle \mathcal{W} \rangle \langle \mathcal{A} \rangle \langle \mathcal{V} \rangle \langle \mathcal{H}_2 \rangle$
: Danger

### Product name FLOOD PENETROL

### Section 2. Hazards identification

Hazard statements	:	Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.
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.
Response	: Collect spillage. IF exposed or concerned: Call a POISON CENTER or SWALLOWED: Immediately call a POISON CENTER or doctor. Do NO vomiting. Take off contaminated clothing and wash it before reuse. IF Wash with plenty of water. If skin irritation or rash occurs: Get medical attention.	
Storage	:	Not applicable.
Disposal	1	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification	1	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	1	Mixture
CAS number/other identifiers		
Product code	÷	700000/20L

Hazardous ingredients	%	CAS number
ydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics xylene 2-butanone oxime ethylbenzene 2-ethylhexanoic acid, zirconium salt	30 - 60 1 - <10 <1 <1 <1 <1	64742-48-9 1330-20-7 96-29-7 100-41-4 22464-99-9

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	rst aid measures
Eye contact	<ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.</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/e	effects, acute and delayed
Potential acute health effe	<u>cts</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause damage to organs following a single exposure in contact with skin. Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
Ingestion	: May cause damage to organs following a single exposure if swallowed. May be fatal if swallowed and enters airways.
Over-exposure signs/symp	<u>otoms</u>
Eyes	: No specific data.
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: nausea or vomiting reduced foetal weight increase in foetal deaths skeletal malformations
Indication of immediate mee	dical attention and special treatment needed, if necessary
Specific treatments	: Not available.
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
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	on (Section 11)

### Section 5. Firefighting measures

Extinguishing media		
Suitable	Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.	
Not suitable	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, w the risk of a subsequent explosion. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.	
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon oxides	
Special precautions for fire- fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident 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.	if
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	: 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.		
Methods and material for co	ntainment 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. Handlin	ng and storage		

Precautions for safe<br/>handling: Put on appropriate personal protective equipment (see Section 8). Persons with a<br/>history of skin sensitization problems should not be employed in any process in<br/>which this product is used. Avoid exposure - obtain special instructions before use.<br/>Avoid exposure during pregnancy. Do not handle until all safety precautions have<br/>been read and understood. Do not get in eyes or on skin or clothing. Do not<br/>breathe vapour or mist. Do not swallow. Avoid release to the environment. Use<br/>only with adequate ventilation. Wear appropriate respirator when ventilation is

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# Section 7. Handling and storage

	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 electric (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.	al
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, awa 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	Ex	cposure limits		
ethylbenzene		HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 4/2022). [xylene (o-, m-, p- isomers)] WES-TWA: 217 mg/m <sup>3</sup> 8 hours. WES-TWA: 50 ppm 8 hours. HSWA 2015 - HSW (GRWM) 2016. Workplace exposure standards (WES) (New Zealand, 4/2022). Absorbed through skin. WES-STEL: 176 mg/m <sup>3</sup> 15 minutes. WES-STEL: 40 ppm 15 minutes. WES-TWA: 88 mg/m <sup>3</sup> 8 hours. WES-TWA: 20 ppm 8 hours.		
Recommended monitoring procedures	: Reference should be made to appropriate national guidance documents for methods 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 proces they comply with the requirements of envi- cases, fume scrubbers, filters or engineer equipment will be necessary to reduce en	rironmental protection legislation. In some ring modifications to the process		
ndividual protection measur				

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### Section 8. Exposure controls/personal protection

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	: butyl rubber
Eye protection	: Safety glasses with side shields.
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>

# Section 9. Physical and chemical properties

<u>Appearance</u>					
Physical state	1	Liquid.			
Colour	1	Light straw.			
Odour	:	Not available.			
Odour threshold	1	Not available.			
рН	1	Not applicable.			
Melting point	1	Not available.			
Boiling point	:	136°C (276.8°F)			
Flash point	1	Closed cup: 57.5°C	(135.5°F)		
Flammability (solid, gas)	1	Not available.			
Lower and upper explosive (flammable) limits	1	Not available.			
Vapour pressure	:	Not available.			
Relative density	:	0.86			
Solubility(icc)		Media	Result		
Solubility(ies)	÷	cold water	Not soluble		
Partition coefficient: n- octanol/water	:	Not applicable.			
Auto-ignition temperature	:	Not available.			
Decomposition temperature	1	Not available.			
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# Section 9. Physical and chemical properties

Viscosity

: Kinematic (40°C (104°F)): <14 mm<sup>2</sup>/s (<14 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 Hazardous polymerisation	<ul> <li>Depending on conditions, decomposition products may include the following materials: carbon oxides</li> <li>Under normal conditions of storage and use, hazardous polymerisation will not occur.</li> </ul>

# Section 11. Toxicological information

### Information on likely routes of exposure

information on likely	Toutes of exposure
Inhalation	: No known significant effects or critical hazards.
Ingestion	: May cause damage to organs following a single exposure if swallowed. May be fatal if swallowed and enters airways.
Skin contact	<ul> <li>May cause damage to organs following a single exposure in contact with skin. Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.</li> </ul>
Eye contact	: No known significant effects or critical hazards.
Symptoms related to	the physical, chemical and toxicological characteristics
Inhalation	: Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: nausea or vomiting reduced foetal weight increase in foetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking reduced foetal weight increase in foetal deaths skeletal malformations
Eye contact	: No specific data.
Delayed and immedia	ate effects as well as chronic effects from short and long-term exposure
Acute toxicity	

# Section 11. Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>6 g/kg	-
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
-	LD50 Oral	Rat	4.3 g/kg	-
2-butanone oxime	LD50 Dermal	Rabbit	1100 mg/kg	-
	LD50 Oral	Rat	100 mg/kg	-
ethylbenzene	LC50 Inhalation Vapour	Rat	17.8 mg/l	4 hours
	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-
2-ethylhexanoic acid,	LD50 Dermal	Rabbit	>5 g/kg	-
zirconium salt				
	LD50 Oral	Rat	>5 g/kg	-

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

### Irritation/Corrosion

Product/ingredient name	Result		Species	Score	Exposure	Observation
<b>x</b> ylene	Skin - Modera	te irritant	Rabbit	-	24 hours 500 mg	-
Conclusion/Summary						
Skin	: There are n	o data availa	able on the mi	xture itself.		
Eyes	: There are n	o data availa	able on the mi	xture itself.		
Respiratory	: There are n	o data availa	able on the mi	xture itself.		
Sensitisation						
Conclusion/Summary						
Skin	: There are n	o data availa	able on the mi	xture itself.		
Respiratory	: There are n	o data availa	able on the mi	xture itself.		
Potential chronic health eff	ects					
General	or repeated dermatitis.	contact can Once sensit	defat the skin	and lead to i allergic reac	r repeated expos rritation, cracking tion may occur w	and/or
Skin contact	: Once sensi to very low		ere allergic rea	ction may oc	cur when subsequ	uently exposed
Carcinogenicity	: Suspected exposure.	of causing c	ancer. Risk of	cancer depe	nds on duration a	and level of
Mutagenicity	: No known s	ignificant eff	fects or critical	hazards.		
Teratogenicity	: May damag	e the unborr	n child.			
<b>Developmental effects</b>	: No known s	ignificant eff	fects or critical	hazards.		
Fertility effects	: Suspected	of damaging	fertility.			
Chronic toxicity						
Not available.						
<b>Carcinogenicity</b>						
Conclusion/Summary	: There are n	o data availa	able on the mi	xture itself.		
Mutagenicity						
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# Section 11. Toxicological information

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.
Reproductive toxicity	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
Specific target organ toxicity	

Name		Route of exposure	Target organs
xylene	Category 2	-	-
2-butanone oxime	Category 2	-	-
ethylbenzene	Category 2	inhalation	-

#### Aspiration hazard

Name	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	27330.9 mg/kg
Dermal	90273.81 mg/kg

### 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.

### Section 12. Ecological information

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Ecotoxicity

: This material is toxic to aquatic life with long lasting effects.

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
ethylbenzene	Acute EC50 1.8 mg/l Fresh water Chronic NOEC 1 mg/l Fresh water	Daphnia Daphnia - Ceriodaphnia dubia	48 hours -
2-ethylhexanoic acid, zirconium salt	Acute LC50 >100 mg/l	Fish	96 hours

#### Persistence/degradability

Product/ingredient name	Test	Result		Dose	Inoculum
ethylbenzene	-	79 % - Readily - 10	days	-	-
Product/ingredient name	Aquatic half-life		Photolysis	S	Biodegradability
xylene ethylbenzene	-		-		Readily Readily

**Bioaccumulative potential** 

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### Section 12. Ecological information

Product/ingredient name	LogPow	BCF	Potential
<b>x</b> ylene	3.12	7.4 to 18.5	Low
2-butanone oxime	0.63	5.01	Low
ethylbenzene	3.6	79.43	Low

### Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects : No known s

: 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:

: 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

	NZ	IMDG	ΙΑΤΑ
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
	TANKATE I		
Packing group	III		
Environmental	No.	No.	No.

Product code 7 Product name F	00000/20L LOOD PENETROL	Date of issue 22 January 2024 Version 5.01			
14. Transport information					
Marine pollutan substances	t Not applicable.	Not applicable.	Not applicable.		
Additional inform	nation				
NZ	: None identified.				
Hazchem code	: •3Y				
IMDG	: None identified.				
ΙΑΤΑ	: None identified.				
Special precauti	upright and secu	<b>in user's premises:</b> always transpo ure. Ensure that persons transportin accident or spillage.			
<b>-</b>					

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	: HSR002669 Flammable, Toxic [6.7]					
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 500L is present in a workplace.					
	Level 3: Emergency Response Plans and Secondary Containment required when 1000L is stored.					
	Flammable Signage required when 1000L is present in a workplace.					
Classes 1 to 5 Control Regulations	<ul> <li>Hazardous Atmosphere Zones required for quantities greater than: 100L (closed), 25L (decanting), 5L (open occasionally), 1L (open continuously). Hazardous Substances Location Certificate required for quantities greater than: 1500L (containers up to 5L), 500L (containers &gt;5L), 250L (open containers).</li> </ul>					
Approved Handler	: Not applicable.					
International regulations						
Chemical Weapon Convent	ion List Schedules I, II & III Chemicals					
Not listed.						
Montreal Protocol						
Not listed.						
Stockholm Convention on I Not listed.	Persistent Organic Pollutants					
Rotterdam Convention on I	Prior Informed Consent (PIC)					
Not listed.						
UNECE Aarhus Protocol on POPs and Heavy Metals						
Not listed.						
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Product name FLOOD PENETROL

### Section 15. Regulatory information

### Section 16. Other information

Date of issue Date of previous issue		22 January 2024 7/23/2023			
✓ 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	1	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.