# SAFETY DATA SHEET

PSX 700 BASE RAL 3002



Date of issue 30 April 2024

Version 5.01

# 1. Product and company identification

Product name	: PSX 700 BASE RAL 3002
Product code	: 00289179
Product type	: Liquid.

Relevant identified uses of t	e substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.
Uses advised against	: Not applicable.
Supplier's details	: PPG PMC Japan Co., Ltd., 8F, Shintetsu Bldg., 1-1, Daikaidori 1-chome, Kobe 652-0803 Japan; Tel: +81-78-574-2777
Emergency telephone number	: 078 574 2777

2. Hazards identif	ication
GHS Classification	: FLAMMABLE LIQUIDS - Category 4 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD - Category 3 HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD - Category 3
GHS label elements	
Hazard pictograms	
Signal word	: Warning
Hazard statements	<ul> <li>Combustible liquid. May cause an allergic skin reaction. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. (respiratory organs) Harmful to aquatic life with long lasting effects.</li> </ul>
Precautionary statements	
Prevention	: Obtain special instructions before use. 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 vapor. Contaminated work clothing should not be allowed out of the workplace.
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Product code 00289179 Product name PSX 700 BASE	E RAL 3002	Date of issue 30 April 2024	Version 5.01
2. Hazards identifi	cation		
Response	clothing and wash it be	ed: Get medical advice or attention. Tak fore reuse. IF ON SKIN: Wash with plen : Get medical advice or attention.	
Storage	: Store locked up.		
Disposal	: Dispose of contents an and international regula	d container in accordance with all local, r ations.	regional, national
Other hazards which do not result in classification	: None known.		

### 3. Composition/information on ingredients

Substance/mixture

: Mixture

### CAS number/other identifiers

CAS number	: Not applicable.
CSCL number	: Not available.

Ingredient name	%	CAS number	CSCL
4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	25 - <50	30583-72-3	7-1282
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	1 - <2	41556-26-7	5-5501
titanium dioxide (excluding nanoparticle)	1 - <2	13463-67-7	1-558; 5-5225
bismuth vanadium tetraoxide ( > 10 microns)	0.5 - <1	14059-33-7	1-1228
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	0.2 - <0.5	82919-37-7	5-5593
Methanol	0.1 - <0.2	67-56-1	2-201
bismuth vanadium tetraoxide (respirable fraction)	<0.1	14059-33-7	1-1228

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.

### 4. First aid measures

Description of necessary first 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	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
Ingestion	: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symp	otoms/effects, acute and delayed	
Potential acute heal	Ith effects	
Eye contact	: No known significant effects or critical hazards.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: May cause an allergic skin reaction.	
Ingestion	: No known significant effects or critical hazards.	

# 4. First aid measures

Over-exposure signs/symp	<u>toms</u>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
Indication of immediate med Notes to physician	<b>lical attention and special treatment needed, if necessary :</b> In case of inhalation of decomposition products in a fire, symptoms may be delayed.
Specific treatments	The exposed person may need to be kept under medical surveillance for 48 hours. : No specific treatment.
Protection of first-aiders	<ul> <li>No action shall be taken involving any personal risk or without suitable training. 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.</li> </ul>

See toxicological information (Section 11)

#### 5. Fire-fighting measures **Extinguishing media** Suitable extinguishing : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam. media Unsuitable extinguishing : Do not use water jet. media Specific hazards arising : Combustible liquid. 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 from the chemical subsequent explosion. This material is harmful 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 may include the following materials: carbon oxides decomposition products nitrogen oxides halogenated compounds metal oxide/oxides : Promptly isolate the scene by removing all persons from the vicinity of the incident if **Special protective actions** for fire-fighters 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** : Fire-fighters should wear appropriate protective equipment and self-contained equipment for fire-fighters breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. Accidental release measures

Personal precautions, protect	ive equipment and emergency procedures
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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized 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 spilled 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 materials for cor	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 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 spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# 7. Handling and storage

Precautions for safe : handling	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. Avoid exposure - obtain special instructions before use. 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 vapor 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. Empty containers retain product residue and can be hazardous. Do not reuse container.
Conditions for safe storage :	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 oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See

### 7. Handling and storage

Section 10 for incompatible materials before handling or use.

### 8. Exposure controls/personal protection

#### **Control parameters**

### **Occupational exposure limits**

		Exposure limits
Methanol		Japan Society for Occupational Health (Japan, 9/2022). Absorbed through skin. OEL-M: 260 mg/m <sup>3</sup> 8 hours. OEL-M: 200 ppm 8 hours. Industrial Safety and Health Act (Japan, 6/2020). TWA: 200 ppm 8 hours.
Recommended monitoring procedures		iate monitoring standards. Reference to nods for the determination of hazardous
Appropriate engineering controls	or other engineering controls to keep below any recommended or statutory	se process enclosures, local exhaust ventilation worker exposure to airborne contaminants limits. The engineering controls also need to s below any lower explosive limits. Use
Environmental exposure controls	they comply with the requirements of e	bcess equipment should be checked to ensure environmental protection legislation. In some neering modifications to the process equipment to acceptable levels.
Individual protection measure	Iros	
	<u>1165</u>	
Hygiene measures	Wash hands, forearms and face thoro eating, smoking and using the lavator Appropriate techniques should be use Contaminated work clothing should no	bughly after handling chemical products, before y and at the end of the working period. d to remove potentially contaminated clothing. of be allowed out of the workplace. Wash Ensure that eyewash stations and safety ocation.
Hygiene measures	Wash hands, forearms and face thoro eating, smoking and using the lavator Appropriate techniques should be use Contaminated work clothing should no contaminated clothing before reusing.	y and at the end of the working period. d to remove potentially contaminated clothing. of be allowed out of the workplace. Wash Ensure that eyewash stations and safety
Hygiene measures Eye protection <u>Skin protection</u>	<ul> <li>Wash hands, forearms and face thoro eating, smoking and using the lavator Appropriate techniques should be use Contaminated work clothing should no contaminated clothing before reusing. showers are close to the workstation I</li> <li>Safety glasses with side shields.</li> </ul>	y and at the end of the working period. d to remove potentially contaminated clothing. of be allowed out of the workplace. Wash Ensure that eyewash stations and safety ocation.
Hygiene measures Eye protection	<ul> <li>Wash hands, forearms and face thoro eating, smoking and using the lavatory Appropriate techniques should be use Contaminated work clothing should no contaminated clothing before reusing, showers are close to the workstation I</li> <li>Safety glasses with side shields.</li> <li>Chemical-resistant, impervious gloves be worn at all times when handling chi this is necessary. Considering the par check during use that the gloves are s should be noted that the time to break</li> </ul>	y and at the end of the working period. d to remove potentially contaminated clothing. of be allowed out of the workplace. Wash Ensure that eyewash stations and safety ocation. s complying with an approved standard should emical products if a risk assessment indicates rameters specified by the glove manufacturer, still retaining their protective properties. It through for any glove material may be rers. In the case of mixtures, consisting of
Hygiene measures Eye protection <u>Skin protection</u>	<ul> <li>Wash hands, forearms and face thoro eating, smoking and using the lavatory Appropriate techniques should be use Contaminated work clothing should no contaminated clothing before reusing, showers are close to the workstation I</li> <li>Safety glasses with side shields.</li> <li>Chemical-resistant, impervious gloves be worn at all times when handling ch this is necessary. Considering the part check during use that the gloves are s should be noted that the time to break different for different glove manufactur several substances, the protection time</li> </ul>	y and at the end of the working period. d to remove potentially contaminated clothing. of be allowed out of the workplace. Wash Ensure that eyewash stations and safety ocation. s complying with an approved standard should emical products if a risk assessment indicates rameters specified by the glove manufacturer, still retaining their protective properties. It through for any glove material may be rers. In the case of mixtures, consisting of
Hygiene measures Eye protection <u>Skin protection</u> Hand protection	<ul> <li>Wash hands, forearms and face thoro eating, smoking and using the lavatory Appropriate techniques should be use Contaminated work clothing should no contaminated clothing before reusing, showers are close to the workstation I</li> <li>Safety glasses with side shields.</li> <li>Chemical-resistant, impervious gloves be worn at all times when handling ch this is necessary. Considering the part check during use that the gloves are s should be noted that the time to break different for different glove manufactur several substances, the protection time estimated.</li> <li>butyl rubber</li> <li>Personal protective equipment for the</li> </ul>	y and at the end of the working period. d to remove potentially contaminated clothing. of be allowed out of the workplace. Wash Ensure that eyewash stations and safety ocation. s complying with an approved standard should emical products if a risk assessment indicates rameters specified by the glove manufacturer, still retaining their protective properties. It through for any glove material may be rers. In the case of mixtures, consisting of

### 8. Exposure controls/personal protection

**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.

## 9. Physical and chemical properties

Appearance		
Physical state :	Liquid.	
Color :	Red.	
Odor :	Aromatic.	
Boiling point :	>37.78°C (>100°F)	
Flash point :	Closed cup: 70°C (158°F)	
Relative density :	1.27	
Solubility/ioc)	Media	Result
Solubility(ies) :	cold water	Not soluble

10. Stability and	d reactivity
Reactivity	: No specific test data related to 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: oxidizing agents, strong alkalis, strong acids.
Hazardous decomposition products	: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides halogenated compounds metal oxide/ oxides

## **11. Toxicological information**

Information on toxicological effects Acute toxicity

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# 11. Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
bis(1,2,2,6,6-pentamethyl- 4-piperidyl) sebacate	LD50 Oral	Rat	3.125 g/kg	-
titanium dioxide (excluding nanoparticle)	LC50 Inhalation Dusts and mists	Rat	>6.82 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
bismuth vanadium tetraoxide ( > 10 microns)	LC50 Inhalation Dusts and mists	Rat	>5.15 mg/l	4 hours
, , ,	LD50 Oral	Rat	>5 g/kg	-
methyl	LD50 Oral	Rat	3.125 g/kg	-
1,2,2,6,6-pentamethyl-			00	
4-piperidyl sebacate				
Methanol	LC50 Inhalation Vapor	Rat	64000 ppm	4 hours
	LD50 Dermal	Rabbit	15800 mg/kg	-
	LD50 Oral	Rat	5600 mg/kg	-
bismuth vanadium tetraoxide (respirable fraction)	LC50 Inhalation Dusts and mists	Rat	>5.15 mg/l	4 hours
	LD50 Oral	Rat	>5 g/kg	-

### Irritation/Corrosion

Not available.

### **Sensitization**

Not available.

### **Mutagenicity**

Not available.

### **Carcinogenicity**

Not available.

### **Reproductive toxicity**

Not available.

### **Teratogenicity**

Not available.

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Methanol	Category 1 Category 3	-	central nervous system (CNS), systemic toxicity, visual organ Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
titanium dioxide (excluding nanoparticle) Methanol	Category 1 Category 1	-	respiratory organs central nervous system (CNS), visual organ
bismuth vanadium tetraoxide (respirable fraction)	Category 2	-	lungs

#### **Aspiration hazard**

# 11. Toxicological information

Not available.

Information on the likely routes of exposure	:	Not available.
Potential acute health effec	<u>ts</u>	
Eye contact	1	No known significant effects or critical hazards.
Inhalation	1	No known significant effects or critical hazards.
Skin contact	1	May cause an allergic skin reaction.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the ph	iys	ical, chemical and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	1	No specific data.
Skin contact	:	Adverse symptoms may include the following: irritation redness
Ingestion	:	No specific data.
Delayed and immediate effect	:ts	and also chronic effects from short and long term exposure
Short term exposure		
Potential immediate effects	:	Not available.
Potential immediate		Not available. Not available.
Potential immediate effects		
Potential immediate effects Potential delayed effects	:	
Potential immediate effects Potential delayed effects Long term exposure Potential immediate	:	Not available.
Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects	:	Not available. Not available.
Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects	: : : ect	Not available. Not available.
Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects	: : e <u>ct</u>	Not available. Not available. Not available. <b>S</b> May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very

Reproductive toxicity	: No known significant effects or critical hazards.
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### Numerical measures of toxicity

### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
SX 700 BASE RAL 3002	24619.5	N/A	N/A	N/A	N/A
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	3125	N/A	N/A	N/A	N/A
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	3125	N/A	N/A	N/A	N/A
Methanol	500	15800	64000	N/A	N/A

### Other information

:

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Product code 00289179

### Product name PSX 700 BASE RAL 3002 11. Toxicological information

Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness.

## **12. Ecological information**

### **Toxicity**

Product/ingredient name	Result	Species	Exposure
4,4'- Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro- 2,3-epoxypropane	LC50 11.5 mg/l	Fish	96 hours
titanium dioxide (excluding nanoparticle)	Acute LC50 >100 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
bismuth vanadium tetraoxide ( > 10 microns)	Acute LC50 10000 mg/l	Fish	96 hours
Methanol bismuth vanadium tetraoxide (respirable fraction)	Acute LC50 13 mg/l Fresh water Acute LC50 10000 mg/l	Fish Fish	96 hours 96 hours

### Persistence/degradability

Not available.

### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
bismuth vanadium tetraoxide ( > 10 microns)	-	<14	Low
Methanol bismuth vanadium tetraoxide (respirable fraction)	-0.77	- <14	Low Low

<u>Mobility in soil</u>	
Soil/water partition coefficient (K <sub>oc</sub> )	: Not available.
Mobility	: Not available.
Other adverse effects	: No known significant effects or critical hazards.

### 13. Disposal considerations

Disposal methods	: The generation of waste should be avoided or minimized 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. Vapor 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
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### 13. Disposal considerations

dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### 14. Transport information

	UN	IMDG	ΙΑΤΑ
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.

#### **Additional information**

UN	: None identified.
IMDG	: None identified.
ΙΑΤΑ	: 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

### **15. Regulatory information**

#### **Fire Service Law**

Category	Substance name/Type	Danger category	Signal word	Designated quantity
Category IV	Class III petroleums	III	Flammable - Keep Fire Away	2000 L

### Pollutant Release and Transfer Registers (PRTR)

Ingredient name	%	Status	Reference number
Vanadium compounds	1.0	Class 1	321

### **Industrial Safety and Health Act**

### Ordinance on the Prevention of the Hazard due to Specified Chemical Substances

None of the components are listed.

### Substance(s) requiring labelling

# 15. Regulatory information

Ingredient name	%	Status	Reference number
Titanium(IV) oxide	≤10	Listed	191

### **Chemicals requiring notification**

Ingredient name	%	Status	Reference number
Titanium(IV) oxide	≤10	Listed	191
Methanol	≤10	Listed	560

### Carcinogens based on Article 577-2 of the Ordinance on ISH

None of the components are listed.

### <u>Mutagen</u>

None of the components are listed.

Corrosive liquid	: Not listed
Occupational Safety and Health Law	: Not applicable.
Regulations on the Prevention of Tetraalkyl Lead Poisoning	: Not listed
Harmful Substances Subject to Obtaining Permission for Manufacturing	: Not listed
Harmful Substances, Prohibited for Manufacturing	: Not listed
Lead regulation	: Not listed
Organic solvents poisoning prevention	: Not applicable.

### **Poisonous and Deleterious Substances**

None of the components are listed.

### **Chemical Substances Control Law (CSCL)**

Ingredient name	%	Status	Reference number
alpha-(Nonylphenyl)-omega-hydroxypoly(oxyethylene)	≤10	Priority assessment	86
Xylene	≤10	Priority assessment	125
2,2,4,4,6,6,8,8-Octamethyl-	≤10	Monitoring	40
1,3,5,7,2,4,6,8-tetraoxatetrasilocane			
2,2,4,4,6,6,8,8,10,10,12,12-Dodecamethyl-	≤10	Monitoring	41
1,3,5,7,9,11-hexaoxa-2,4,6,8,10,12-hexasilacyclododecane	e	Ū.	
Ethylbenzene	≤10	Priority assessment	50
1,4-Dioxane	≤10	Priority assessment	80
Acetaldehyde	≤10	Priority assessment	26
Ethylene oxide	≤10	Priority assessment	19

High Pressure Gas Control : Not available.

Law

### Explosives Control Law

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### 15. Regulatory information

None of the components are listed.

Law concerning prevention : Not available. of pollution of the ocean

### Maritime Safety Law

Notification Regulating Transportation of Dangerous Materials by Sea

None of the components are listed.

#### **Container class**

None of the components are listed.

JSOH Carcinogen	: N	Not listed
List of Specially Controlled Industrial Waste	: N	Not listed
Japan inventory	: A	All components are listed or exempted.
Road law	: N	Not available.

### **16. Other information**

<u>History</u>	
Date of issue/Date of revision	: 30 April 2024
Date of previous issue	: 2/1/2024
Version	: 5.01
Prepared by	: EHS
Key to abbreviations	: ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association 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) RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail UN = United Nations

Indicates information that has changed from previously issued version.

#### Notice to reader

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.