SAFETY DATA SHEET



Date of issue 5/30/2024 (month/day/year)

Version 9

Section 1. Chemical product and company identification

Α.	Product name	1	PSX 700 BASE RAL 6021
	Product code	1	00376372

B. Relevant identified uses of the substance or mixture and uses advised against

	Product use	:	Professional applications, Used by spraying.
	Use of the substance/ mixture	:	Coating.
	Uses advised against	1	Product is not intended, labelled or packaged for consumer use.
C.	Supplier's or Importer's information	:	PPG SSC (680-090) 19, Yeocheon-ro 217beon-gil, Nam-gu, Ulsan, Korea Tel: +82-52-210-8222 Karag MSDS@DDC COM
	Email Address		Korea.MSDS@PPG.COM
	Emergency telephone number:	:	₩82-52-210-8331

Section 2. Hazards identification

A. Hazard classification : FLAMMABLE LIQUIDS - Category 4 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A AQUATIC HAZARD (LONG-TERM) - Category 3

This product is classified in accordance with the Industrial Safety and Health Act and the Chemical Control Act.

B. GHS label elements, including precautionary statements

Symbol



Signal word	: Danger
Hazard statements	 H227 - Combustible liquid. H317 - May cause an allergic skin reaction. H350 - May cause cancer. H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

Product name PSX 700 BASE RAL 6021

Section 2. Hazards identification

Prevention	 P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves, protective clothing and eye or face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P273 - Avoid release to the environment. P261 - Avoid breathing vapor.
Response	 P308 + P313 - IF exposed or concerned: Get medical advice or attention. P362 + P364 - Take off contaminated clothing and wash it before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.
Storage	: Not applicable.
Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

C. Other hazards which do : None known. not result in classification

Section 3. Composition/information on ingredients

CAS number/other identifiers

CAS number

: Not applicable.

Chemical name	Common name	Identifiers	%
4,4'-Isopropylidenedicyclohexanol,	cyclohexanol, 4,4'-(1-methylethylidene)	CAS: 30583-72-3	30 -
oligomeric reaction products with	bis-, polymer with (chloromethyl)oxirane		<40
1-chloro-2,3-epoxypropane			
titanium dioxide	TITANIUM DIOXIDE	CAS: 13463-67-7	1 - <5
bis(1,2,2,6,6-pentamethyl-4-piperidyl)	BIS(PENTAMETHYLPIPERIDYL)	CAS: 41556-26-7	1 - <5
sebacate	SEBACATE		
iron hydroxide oxide yellow	IRON HYDROXIDE OXIDE	CAS: 51274-00-1	1 - <5
nonylphenol ethoxylates	POLYOXYETHYLENE NONYLPHENYL	CAS: 68412-53-3	1 - <5
	ETHER PHOSPHATE		
methyl 1,2,2,6,6-pentamethyl-4-piperidyl	METHYL-(1,2,2,6,6-PENTAMETHYL-	CAS: 82919-37-7	0.1 - <1
sebacate	4-PIPERDIYL) SEBACATE		
crystalline silica, respirable powder (<10	QUARTZ (<10 microns)	CAS: 14808-60-7	0.1 - <1
microns)			
methyl alcohol	METHYL ALCOHOL	CAS: 67-56-1	0.1 - <1
octamethylcyclotetrasiloxane	OCTAMETHYLCYCLOTETRASILOXANE	CAS: 556-67-2	<0.1

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.

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Section 4. First aid measures

Α.	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.
В.	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.
C.	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.
D.	Ingestion	:	If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.
Ε.	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.
	Specific treatments	:	No specific treatment.
	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)

Section 5. Fire-fighting measures

	-		-
Α.	Extinguishing media		
	Suitable extinguishing media	:	Use dry chemical, CO ₂ , water spray (fog) or foam.
	Unsuitable extinguishing media	:	Do not use water jet.
В.	Specific hazards arising from the chemical	:	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 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	:	Decomposition products may include the following materials: carbon oxides nitrogen oxides halogenated compounds metal oxide/oxides
C.	Special equipment for fire-fighting	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Fire-fighting procedures	:	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.

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Section 6. Accidental release measures

A. Personal precautions, protective equipment and emergency procedures	:	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.				
B. 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.				
C. Methods and materials for containment 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.				

Section 7. Handling and storage

Α.	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 ingest. Avoid breathing vapor or mist. 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.
В.	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 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 Section 10 for incompatible materials before handling or use.

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Section 8. Exposure controls/personal protection

A. Occupational exposure limits

Iffanium dioxide Ministry of Employment and (Republic of Korea, 1/2020). TWA: 10 mg/m³ 8 hours. For with less than 1% of free SiO2 iron hydroxide oxide yellow Ministry of Employment and (Republic of Korea, 1/2020). TWA: 5 mg/m³, (as Fe) 8 hou. Fume TWA: 2.05 mg/m³ b hours. For Respirable fraction Ministry of Employment and (Republic of Korea, 1/2020). through skin. STEL: 250 ppm 15 minutes. TWA: 200 ppm 8 hours. Recommended monitoring procedures : Reference should be made to appropriate monitoring standards. Refer national guidance documents for methods for the determination of haz substances will also be required.	m: total dust I Labor [Iron oxide] urs. Form: I Labor orm:
rystalline silica, respirable powder (<10 microns) TWA: 5 mg/m³, (as Fe) 8 hou methyl alcohol Ministry of Employment and methyl alcohol Ministry of Employment and Respirable fraction Ministry of Employment and Republic of Korea, 1/2020). TWA: 0.05 mg/m³ 8 hours. For Respirable fraction Ministry of Employment and (Republic of Korea, 1/2020). Through skin. STEL: 250 ppm 15 minutes. TWA: 200 ppm 8 hours. Reference should be made to appropriate monitoring standards. Reference antional guidance documents for methods for the determination of haz	urs. Form: urs. I Labor orm: I Labor
methyl alcohol (Republic of Korea, 1/2020). TWA: 0.05 mg/m³ 8 hours. For Respirable fraction methyl alcohol Ministry of Employment and (Republic of Korea, 1/2020). through skin. STEL: 250 ppm 15 minutes. TWA: 200 ppm 8 hours. Recommended monitoring procedures : Reference should be made to appropriate monitoring standards. Reference should be made to appropriate monitoring standards. Reference anational guidance documents for methods for the determination of haz	orm: I Labor
Recommended monitoring procedures Reference should be made to appropriate monitoring standards.	
monitoring procedures national guidance documents for methods for the determination of haz	
 B. Appropriate engineering controls Use only with adequate ventilation. Use process enclosures, local exh ventilation or other engineering controls to keep worker exposure to ai contaminants below any recommended or statutory limits. The engine also need to keep gas, vapor or dust concentrations below any lower elimits. Use explosion-proof ventilation equipment. 	irborne eering controls
 Environmental exposure controls Emissions from ventilation or work process equipment should be check they comply with the requirements of environmental protection legislatic cases, fume scrubbers, filters or engineering modifications to the proceeding equipment will be necessary to reduce emissions to acceptable levels. 	tion. In some cess
C. Personal protective equipment	
 Respiratory protection Respirator selection must be based on known or anticipated exposure hazards of the product and the safe working limits of the selected resp workers are exposed to concentrations above the exposure limit, they appropriate, certified respirators. Use a properly fitted, air-purifying or respirator complying with an approved standard if a risk assessment i necessary. 	pirator. If / must use r air-fed
Eye protection : Chemical splash goggles.	
 Hand protection Chemical-resistant, impervious gloves complying with an approved stable worn at all times when handling chemical products if a risk assesses this is necessary. Considering the parameters specified by the glove check during use that the gloves are still retaining their protective proprishould be noted that the time to breakthrough for any glove material in different for different glove manufacturers. In the case of mixtures, considering substances, the protection time of the gloves cannot be accur estimated. 	ment indicates manufacturer, perties. It may be onsisting of
Gloves : butyl rubber	
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Section 8. Exposure controls/personal protection

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.
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.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Α.	Appearance						
	Physical state	÷	Liquid.				
	Color	÷	Various				
	Odor	÷	Aromatic.				
C.	Odor threshold	4	Not available.				
D.	рН	4	Not applicable.				
Ε.	Melting/freezing point	1	Not available.				
F.	Boiling point/boiling range	:	>37.78°C (>100°F)				
G.	Flash point	1	Closed cup: 70°C (158°F)				
н.	Evaporation rate	:	Not available.				
I.	Flammability (solid, gas)	:	Not available.				
J.	Lower and upper explosive (flammable) limits	:	Not available.				
К.	Vapor pressure	:	Not available.				
L.	Solubility(ies)		Media	Result			
	,		old water	Not soluble			
	Solubility in water	:	Not available.				
	Vapor density	:	Not available.				
M.	Relative density	:	1.31				
N. O.	Partition coefficient: n- octanol/water	;	Not applicable.				
Ρ.	Auto-ignition temperature	:					
			Ingredient name	°C	°F	Method	
			✓(2,3-dihydro-2-oxo-1H- benzimidazol-5-yl)-3-oxo-2-[[2- (trifluoromethyl)phenyl]azo]butyrar	290 nide	554		
Q.	Decomposition temperature	:	Not available.			•	
_	Viscosity	:	Kinematic (40°C (104°F)): >	21 mm²/s (>	>21 cSt)		
R.	Flow time (ISO 2431)		Not available.	· ·	·		
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Section 9. Physical and chemical properties

S. Molecular weight

: Not applicable.

Section 10. Stability and reactivity

Α.	Chemical stability	1	The product is stable.
	Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
В.	Conditions to avoid	:	When exposed to high temperatures may produce hazardous decomposition products.
C.	Incompatible materials	:	Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
D.	Hazardous decomposition products	:	Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides halogenated compounds metal oxide/ oxides

Section 11. Toxicological information

Α.	Information on the like routes of exposure	ely	: Not available.
<u>P</u>	otential acute health ef	fec	<u>:ts</u>
	Inhalation	:	No known significant effects or critical hazards.
	Ingestion	:	No known significant effects or critical hazards.
	Skin contact	:	May cause an allergic skin reaction.
Eye contact : No known		:	No known significant effects or critical hazards.
<u>0</u>	ver-exposure signs/syr	np	<u>toms</u>
	Inhalation	:	No specific data.
	Ingestion	:	No specific data.
	Skin contact	:	Adverse symptoms may include the following: irritation redness
	Eye contact	:	No specific data.

B. Health hazards

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
utanium dioxide	LC50 Inhalation Dusts and mists	Rat	>6.82 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	LD50 Oral	Rat	3.125 g/kg	-
iron hydroxide oxide yellow	LC50 Inhalation Dusts and mists	Rat	>5.05 mg/l	4 hours
	LD50 Oral	Rat	>10 g/kg	-
methyl 1,2,2,6,6-pentamethyl-	LD50 Oral	Rat	3.125 g/kg	-
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Section 11. Toxicological information

4-piperidyl sebacate				
methyl alcohol	LC50 Inhalation Vapor	Rat	64000 ppm	4 hours
	LD50 Dermal	Rabbit	15800 mg/kg	-
	LD50 Oral	Rat	5600 mg/kg	-
octamethylcyclotetrasiloxane	LC50 Inhalation Vapor	Rat	36 g/m³	4 hours
	LD50 Dermal	Rat	>2375 mg/kg	-
	LD50 Oral	Rat	>4800 mg/kg	-

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

Irritation/Corrosion

Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Eyes	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Sensitization	
<u>Conclusion/Summary</u>	
Skin	: There are no data available on the mixture itself.
Respiratory	There are no data 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.
Teratogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Name	Classification	Route of exposure	Target organs
methyl alcohol	Category 1	-	-

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Potential chronic health effects

General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: May cause cancer. Risk of cancer depends on duration and level of exposure.

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Section 11. Toxicological information

Mutagenicity

: No known significant effects or critical hazards.

Reproductive toxicity : No

: No known significant effects or critical hazards.

Additional information

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

Chemical name	Identifiers	GHS Classification
4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	CAS: 30583-72-3	SKIN SENSITIZATION - Category 1B
		AQUATIC HAZARD (LONG-TERM) - Category 3
titanium dioxide	CAS: 13463-67-7	CARCINOGENICITY - Category 2
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	CAS: 41556-26-7	SKIN SENSITIZATION - Category 1B
		TOXIC TO REPRODUCTION - Category 2 AQUATIC HAZARD (ACUTE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 1
iron hydroxide oxide yellow	CAS: 51274-00-1	Not classified.
nonylphenol ethoxylates	CAS: 68412-53-3	ACUTE TOXICITY (oral) - Category 4
		ACUTE TOXICITY (dermal) - Category 4
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	CAS: 82919-37-7	SKIN SENSITIZATION - Category 1B
		TOXIC TO REPRODUCTION - Category 2
		AQUATIC HAZARD (ACUTE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 1
crystalline silica, respirable powder (<10 microns)	CAS: 14808-60-7	CARCINOGENICITY - Category 1A
methyl alcohol	CAS: 67-56-1	FLAMMABLE LIQUIDS - Category 2
		ACUTE TOXICITY (oral) - Category 3
		ACUTE TOXICITY (dermal) - Category 3
		ACUTE TOXICITY (inhalation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE
		EXPOSURE) - Category 1
		AQUATIC HAZARD (LONG-TERM) - Category 3
octamethylcyclotetrasiloxane	CAS: 556-67-2	FLAMMABLE LIQUIDS - Category 3
		TOXIC TO REPRODUCTION - Category 2
		AQUATIC HAZARD (LONG-TERM) - Category 1

Section 12. Ecological information

A. <u>Ecotoxicity</u>

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 iron hydroxide oxide yellow methyl alcohol	Acute LC50 >100 mg/l Fresh water Acute LC50 >100000 mg/l Acute LC50 13 mg/l Fresh water Chronic NOEC 100 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> Fish Fish Daphnia - <i>Daphnia magna</i>	48 hours 96 hours 96 hours 21 days

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Section 12. Ecological information

B. Persistence and degradability

Not available.

C. Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
methyl alcohol	-0.77	-	Low
octamethylcyclotetrasiloxane	6.488	-	High

D. Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	

E. <u>Other adverse effects</u> : No known significant effects or critical hazards.

Section 13. Disposal considerations

Α.	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.
в.	Disposal precautions	: This material and its container must be disposed of in a safe way. Care should be

B. Disposal precautions : 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 dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	UN	IMDG	IATA
A. UN number	Not regulated.	Not regulated.	Not regulated.
B. UN proper shipping name	-	-	-
C. Transport hazard class(es)	-	-	-
D. Packing group	-	-	-
Environmental hazards	No.	No.	No.
E. Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.

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Section 14. Transport information

Additional information

UN	: None identified.
IMDG	: None identified.
IATA	: None identified.

F. Special precaution which a user to be aware of or needs to comply with in connection with transport or transportation

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

Α.	Regulation according to ISHA					
	ISHA article 117 (Harmful substances prohibited from manufacture)	:	None of the components are listed.			
	ISHA article 118 (Harmful substances requiring permission)	:	None of the components are listed.			
	Article 2 of Youth Protection Act on Substances Hazardous to Youth	:	It is not allowed to sell to persons under the age of 19.			
	Exposure Limits of Chem	Exposure Limits of Chemical Substances and Physical Factors				
	The following components ifanium dioxide iron hydroxide oxide yellow crystalline silica, respirable methyl alcohol	N				
	ISHA Enforcement Regs Annex 19 (Exposure standards established for harmful factors)	:	The following components are listed: methanol			
	ISHA Enforcement Regs Annex 21 (Harmful factors subject to Work Environment Measurement)	:	The following components are listed: titanium dioxide, iron oxide			
	ISHA Enforcement Regs Annex 22 (Harmful Factors Subject to Special Health Check- up)	:	The following components are listed: Iron oxide (dust, fume)			

Section 15. Regulatory information

-	seller regule				
	Standard of Industrial Safety and Health Annex 12 (Hazardous substances subject to control)	:	The following components are listed: titanium dioxide, iron and its compounds		
В.	Regulation according to Chemicals Control Act				
	Article 11 (TRI)	1	None of the components are listed.		
	Article 18 Prohibited (K- Reach Article 27)	:	None of the components are listed.		
	Article 19 Subject to authorization (K-Reach Article 25)	1	None of the components are listed.		
	Article 20 Restricted (K- Reach Article 27)	:	The following components are listed: nonylphenol ethoxylates		
	Article 20 Toxic Chemicals (K-Reach Article 20)	:	Not applicable		
	Korea inventory	:	All components are listed or exempted.		
	Article 39 (Accident Precaution Chemicals)	:	The following components are listed: nonylphenol ethoxylates		
C.	Dangerous Materials Safety Management Act	:	Class: Class 4 - Flammable Liquid Item: 5. Class 3 petroleums - Water-insoluble liquid Threshold: 2000 L Danger category: III Signal word: Contact with sources of ignition prohibited		
D.	Wastes regulation	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.		
Е.	Regulation according to c	oth	er foreign laws		
	Safety, health and environmental regulations specific for the product	:	No known specific national and/or regional regulations applicable to this product (including its ingredients).		

Section 16. Other information

Α.	References	 Korean Ministry of Environment; Chemical Control Act Korean Ministry of Labor; Industrial Safety and Health Act NIER Notice Registry of Toxic Effects of Chemical Substances (RTECS) U.S. Environmental Protection Agency, AQUIRE (Aquatic toxicity Information Retrieval) ECOTOX Database System.
В.	First issue date	: 5/9/2018
C.	Date of issue/Date of revision	: 5/30/2024
D.	Version	: 9
	Prepared by	: EHS
Ε.	Other	

V Indicates information that has changed from previously issued version.

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Section 16. Other information

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.

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