# **SAFETY DATA SHEET**

Date of issue/Date of revision 1 March 2022

Version8

# Section 1. Identification

Product code	: 00345665
Product name	: SIGMADUR ONE APM CREAM 3124
CAS number	: Not applicable.
EC number	: Mixture.
Product type	: Liquid.
Relevant identified uses	of the substance or mixture and uses advised against
Product use	Coating. Professional applications, Used by spraying.
Uses advised against	: Product is not intended, labelled or packaged for consumer use.
Supplier's details	: PPG Yung Chi Coatings Co. Ltd Lot 219, Amata Street, Long Binh IZ Bien Hoa City, Dong Nai Province Vietnam Tel : +84 61 3936121/22
Emergency telephone number (with hours of operation)	: CHEMTREC +(84)-444581938 (CCN 17704)

# Section 2. Hazards identification

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Hazard statements	<ul> <li>Fammable liquid and vapor. Causes mild skin irritation. Causes serious eye irritation. May cause cancer. May cause damage to organs through prolonged or repeated exposure. (central nervous system (CNS)) Harmful to aquatic life with long lasting effects.</li> </ul>
Signal word	: Danger
GHS label elements Hazard pictograms	
Classification of the substance or mixture	<ul> <li>FLAMMABLE LIQUIDS - Category 3 SKIN IRRITATION - Category 3 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 AQUATIC TOXICITY (ACUTE) - Category 3 AQUATIC TOXICITY (CHRONIC) - Category 3</li> <li>Fercentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 23.8%</li> </ul>



Product name SIGMADUR ONE APM CREAM 3124

### Section 2. Hazards identification

Precautionary statements		
Prevention	:	Øbtain 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. Wash thoroughly after handling.
Response		F exposed or concerned: Get medical advice or attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation 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	4	Store locked up.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Routes of entry	:	Not available.
Other hazards which do not result in classification	:	Prolonged or repeated contact may dry skin and cause irritation.

## Section 3. Composition/information on ingredients

Substance/mixture : Mixture

#### **CAS number/other identifiers**

CAS number	: Not applicable.	
EC number	: Mixture.	
Ingredient name		CA
Naphtha (petroleum), hyd	drotreated heavy	647
Naphtha (petroleum), hyd	drodesulfurized heavy	647

Ingredient name	CAS number	Chemical formula	%
Aphtha (petroleum), hydrotreated heavy	64742-48-9	-	≥10 - <20
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	-	≤9.5
barium sulfate	7727-43-7	O4-S.Ba	≤5
1-methoxy-2-propanol	107-98-2	C4-H10-O2	≤2.9
nonane	111-84-2	C9-H20	≤1.5
2-ethylhexanoic acid, zirconium salt	22464-99-9	C8-H15-O2.xZr	<3
calcium bis(2-ethylhexanoate)	136-51-6	C8H16O2.1/2Ca	≤0.3
2-butanone oxime	96-29-7	C4-H9-N-O	≤0.3
cobalt bis(2-ethylhexanoate)	136-52-7	C8-H15-O2.1/2Co	<0.3

There are no 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.

#### SUB codes represent substances without registered CAS Numbers.

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

### Section 4. First aid measures

Description of necess	sary 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.

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### Section 4. First aid measures

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 symptoms/effects, acute and delayed

Potential acute health effe		
Eye contact	Causes serious eye irritation.	
Inhalation	No known significant effects or critical hazards.	
Skin contact	Causes mild skin irritation. Defatting to the skin.	
Ingestion	No known significant effects or critical hazards.	
Over-exposure signs/symp	<u>ns</u>	
Eye contact	Adverse symptoms may include the following: pain or irritation watering redness	
Inhalation	No specific data.	
Skin contact	Adverse symptoms may include the following: irritation redness dryness cracking	
Ingestion	No specific data.	
Indication of immediate med	al attention and special treatment needed, if necessary	
Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	
Specific treatments	No specific treatment.	
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. I 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

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapor. 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 sulfur oxides metal oxide/oxides
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# Section 5. Fire-fighting measures

Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

# Section 6. Accidental release measures

Personal precautions, protec	tiv	e 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 co	nta	ainment 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

Precautions for safe handling	
Protective measures	: Fut on appropriate personal protective equipment (see Section 8). 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

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### Section 7. Handling and storage

		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.
		Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting, self-closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from 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.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
parium sulfate	ACGIH TLV (United States, 1/2021).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable
	fraction
1-methoxy-2-propanol	ACGIH TLV (United States, 1/2021).
	STEL: 369 mg/m <sup>3</sup> 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 184 mg/m <sup>3</sup> 8 hours.
	TWA: 50 ppm 8 hours.
nonane	Ministry of Health (Viet Nam, 6/2019).
	STEL: 300 mg/m <sup>3</sup> 15 minutes.
2-ethylhexanoic acid, zirconium salt	ACGIH TLV (United States, 1/2021).
	STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes.
	TWA: 5 mg/m³, (as Zr) 8 hours.
cobalt bis(2-ethylhexanoate)	Ministry of Health (Viet Nam, 6/2019).
· · · /	TWA: 0.05 mg/m <sup>3</sup> 8 hours.

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. .. . .

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### Section 8. Exposure controls/personal protection

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, vapor 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 prot	ection meas	ures		
Hygiene mea	sures	1	Wash	hano
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Hygiene measures	e A V	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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: (	Chemical splash goggles.
Skin protection		
Hand protection	t c c s	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	: t	putyl rubber
Body protection	k k V	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
Other skin protection	S	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.
Respiratory protection	r P	Respirator selection must be based on known or anticipated exposure levels, the nazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

# Section 9. Physical and chemical properties

Appearance	
Physical state	: Liquid.
Color	: Yellow.
Odor	: Aromatic.
Odor threshold	: Not available.
рН	: Not applicable.
Melting point	: Not available.
Boiling point	: >37.78°C (>100°F)

### Section 9. Physical and chemical properties

Flash point	: Closed cup: 44°C (111.2°F)
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Greatest known range: Lower: 1.48% Upper: 13.74% (1-methoxy-2-propanol)
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 1.13
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	: <b>K</b> inematic (40°C): >21 mm²/s

# Section 10. Stability and reactivity

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

# Section 11. Toxicological information

#### Information on toxicological effects

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Product/ingredient name	Result	Species	Dose	Exposure
Naphtha (petroleum), hydrotreated heavy	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>6 g/kg	-
Naphtha (petroleum),	LD50 Oral	Rat	>5000 mg/kg	-
hydrodesulfurized heavy				
barium sulfate	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
1-methoxy-2-propanol	LC50 Inhalation Vapor	Rat	>7000 ppm	6 hours
	LD50 Dermal	Rabbit	13 g/kg	-
	LD50 Oral	Rat	5.2 g/kg	-
nonane	LC50 Inhalation Gas.	Rat	3200 ppm	4 hours
	LC50 Inhalation Vapor	Rat	16790 mg/m <sup>3</sup>	4 hours
2-ethylhexanoic acid,	LD50 Dermal	Rabbit	>5 g/kg	-

# Section 11. Toxicological information

	nogical information					
zirconium salt						
	LD50 Oral	Rat	>5 g/kg	-		
2-butanone oxime	LD50 Dermal	Rabbit	1100 mg/kg	-		
	LD50 Oral	Rat	100 mg/kg	-		
cobalt bis(2-ethylhexanoate)	LD50 Dermal	Rabbit	>5 g/kg	-		
	LD50 Oral	Rat	3129 mg/kg	-		
Conclusion/Summary	: There are no data available or	n the mixture itse	lf.			
Irritation/Corrosion						
Conclusion/Summary						
Skin	: There are no data available or	n the mixture itse	lf.			
Eyes	: There are no data available or	: There are no data available on the mixture itself.				
Respiratory	: There are no data available on the mixture itself.					
Sensitization						
Skin	: There are no data available on the mixture itself.					
Respiratory	: There are no data available or	: There are no data available on the mixture itself.				
<u>Mutagenicity</u>						
<b>Conclusion/Summary</b>	: There are no data available or	n the mixture itse	lf.			
<b>Carcinogenicity</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 or	n the mixture itse	lf.			
<b>Teratogenicity</b>						
<b>Conclusion/Summary</b>	: There are no data available or	n the mixture itse	lf.			

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

Name	Category	Route of exposure	Target organs
Maphtha (petroleum), hydrotreated heavy	Category 3	-	Respiratory tract irritation
Naphtha (petroleum), hydrodesulfurized heavy	Category 3	-	Narcotic effects
1-methoxy-2-propanol	Category 3	-	Narcotic effects
nonane	Category 3	-	Narcotic effects
2-butanone oxime	Category 1	-	upper respiratory tract
	Category 3		Narcotic effects

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

Name	Category	Route of exposure	Target organs
Naphtha (petroleum), hydrodesulfurized heavy	Category 1	-	central nervous system (CNS)
2-butanone oxime	Category 2	-	blood system

#### **Aspiration hazard**

Name	Result
Naphtha (petroleum), hydrodesulfurized heavy	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

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### Section 11. Toxicological information

Information on the likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	Causes serious eye irritation.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	Causes mild skin irritation. Defatting to the skin.
Ingestion	:	No known significant effects or critical hazards.

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

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure		
Potential immediate effects	There are no data available on the mixture itself.	
Potential delayed effects	There are no data available on the mixture itself.	
Long term exposure		
Potential immediate effects	There are no data available on the mixture itself.	
Potential delayed effects	There are no data available on the mixture itself.	
Potential chronic health eff	<u>&gt;</u>	
General	May cause damage to organs through prolonged or repeated exposure. Prolo or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.	nged
Carcinogenicity	May cause cancer. Risk of cancer depends on duration and level of exposure	:.
Mutagenicity	No known significant effects or critical hazards.	
Reproductive toxicity	No known significant effects or critical hazards.	

#### **Numerical measures of toxicity**

#### Acute toxicity estimates

Route	ATE value
✓ermal	44780.84 mg/kg
Inhalation (gases)	180885.24 ppm
Inhalation (vapors)	949.08 mg/l

#### Other information

:

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### Section 11. Toxicological information

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

# Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
<ul> <li>✓-methoxy-2-propanol</li> <li>2-ethylhexanoic acid,</li> <li>zirconium salt</li> </ul>	Acute LC50 23300 mg/l	Daphnia	48 hours
	Acute LC50 >4500 mg/l Fresh water	Fish	96 hours
	Acute LC50 >100 mg/l	Fish	96 hours

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
<ul> <li>methoxy-2-propanol</li> <li>nonane</li> <li>2-butanone oxime</li> </ul>	<1	-	low
	5.65	-	high
	0.63	5.01	low

#### Mobility in soil

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

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

### Section 13. Disposal considerations

**Disposal methods** 

The generation of waste should be avoided or minimized wherever possible. 2 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 nonrecyclable 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 dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# Section 14. Transport information

	UN	IMDG	ΙΑΤΑ
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
Packing group	III	III	III
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

Safety, health and

## Section 15. Regulatory information

: No known specific national and/or regional regulations applicable to this product (including its ingredients).

#### specific for the product Circular no. 05/1999/TT-BYT

environmental regulations

Ingredient name	Category	Notes
penzene	Category 1	
xylene	Category 2	
toluene	Category 2	
chromium	Category 2	
antimony	Category 2	
arsenic	Category 1	

Toxic classification (TCVN : 4

3164-79)

#### International regulations

#### **Montreal Protocol**

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

### Section 16. Other information

<u>History</u>	
Date of issue/Date of revision	: 1 March 2022
Date of previous issue	: 10/23/2019
Version	: 8
Prepared by	: EHS
Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations</li> </ul>
References	: Not available.

**V** 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.