SAFETY DATA SHEET



Date of issue/Date of revision16 January 2025Version 4.05

Section 1. Identification		
Product code	: 00357448	
Product name	: SIGMADUR 550 BASE RAL 2011	
Product type	: Liquid.	
Relevant identified uses o	f the substance or mixture and uses advised against	
Product use	Coating. Professional applications, Used by spraying.	
Supplier's details	: PPG Industries (Singapore) Pte. Ltd., No. 1 Tuas Basin Close, Singapore 638803. Tel +65 68653737	
Emergency telephone number (with hours of operation)	: CHEMTREC +(65)-31581349 (CCN 17704)	

Section 2. Hazards identification

Classification of the substance or mixture	: FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract
	irritation) - Category 3

GHS label elements, including precautionary statements

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Hazard pictograms

Signal word	: Warning
Hazard statements	 Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation.
Precautionary statements	

Section 2. Hazards identification

Prevention	 Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapor. Wash thoroughly after handling.
Response	: IF INHALED: Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. 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	: Store in a well-ventilated place. Keep container tightly closed.
Disposal	: Not applicable.

Other hazards which do not : Prolonged or repeated contact may dry skin and cause irritation.

result in classification

Section 3. Composition/information on ingredients

: Mixture

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CAS number/other identifiers

CAS number EC number	Not applicable.Mixture.		
Ingredient name		%	CAS number
x ylene		25 - <50	1330-20-7
n-butyl acetate		5 - <10	123-86-4
ethylbenzene		3 - <5	100-41-4
Octadecanamide, N,N'-1,6-hexanediylbis[12-hydroxy-		1 - <3	55349-01-4
bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate		0.1 - <0.3	41556-26-7

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.

Section 4. First aid measures

Description of necessary	first aid measures
Eye contact	 Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	 Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use 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.
Ingestion	

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Section 4. First aid measures

Most important symptoms/	effects, acute and delayed
Potential acute health effe	<u>cts</u>
Eye contact	: Causes serious eye irritation.
Inhalation	: Harmful if inhaled. May cause respiratory irritation.
Skin contact	: Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/sym	<u>ptoms</u>
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.
Indication of immediate me	dical attention and special treatment needed, if necessary
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

<u>Extinguishing media</u>	
Suitable extinguishing media	: Use dry chemical, CO ₂ , 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.

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Section 5. Fire-fighting measures

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
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, protect	<u>tiv</u>	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".
		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).
Methods and materials for co	ont	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	hist whi Avc app and an a not sou equ	on appropriate personal protective equipment (see Section 8). Persons with a ory of skin sensitization problems should not be employed in any process in ch this product is used. Do not get in eyes or on skin or clothing. Do not ingest. id breathing vapor or mist. Use only with adequate ventilation. Wear ropriate respirator when ventilation is inadequate. Do not enter storage areas confined spaces unless adequately ventilated. Keep in the original container or approved alternative made from a compatible material, kept tightly closed when in use. Store and use away from heat, sparks, open flame or any other ignition rce. Use explosion-proof electrical (ventilating, lighting and material handling) ipment. Use only non-sparking tools. Take precautionary measures against ctrostatic discharges. Empty containers retain product residue and can be ardous. Do not reuse container.
Advice on general occupational hygiene	han eati equ	ing, drinking and smoking should be prohibited in areas where this material is dled, stored and processed. Workers should wash hands and face before ng, drinking and smoking. Remove contaminated clothing and protective ipment before entering eating areas. See also Section 8 for additional rmation on hygiene measures.
Conditions for safe storage, including any incompatibilities	acc in o area lock con ope stor	re between the following temperatures: 0 to 35°C (32 to 95°F). Store in ordance with local regulations. Store in a segregated and approved area. Store riginal container protected from direct sunlight in a dry, cool and well-ventilated a, away from incompatible materials (see Section 10) and food and drink. Store ted up. Eliminate all ignition sources. Separate from oxidizing materials. Keep tainer tightly closed and sealed until ready for use. Containers that have been ned must be carefully resealed and kept upright to prevent leakage. Do not te in unlabeled containers. Use appropriate containment to avoid environmental tamination. 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
x ýlene	Workplace Safety and Health Act (Singapore, 2/2006) [Xylene] PEL (long term) 8 hours: 100 ppm. PEL (long term) 8 hours: 434 mg/m ³ . PEL (short term) 15 minutes: 651 mg/m ³ . PEL (short term) 15 minutes: 150 ppm.
n-butyl acetate	Workplace Safety and Health Act (Singapore, 2/2006) PEL (long term) 8 hours: 150 ppm. PEL (long term) 8 hours: 713 mg/m ³ . PEL (short term) 15 minutes: 950 mg/m ³ . PEL (short term) 15 minutes: 200 ppm.
ethylbenzene	Workplace Safety and Health Act (Singapore, 2/2006)
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Section 8. Exposure controls/personal protection

		PEL (long term) 8 hours: 100 ppm. PEL (long term) 8 hours: 434 mg/m ³ . PEL (short term) 15 minutes: 543 mg/m ³ . PEL (short term) 15 minutes: 125 ppm.
Recommended monitoring procedures	:	Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
Appropriate engineering controls	:	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, 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 protection measur	es	
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.
Eye/face protection	:	Chemical splash goggles.
Skin protection		
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	4	butyl rubber
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. 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	:	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.

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Section 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.
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Section 9. Physical and chemical properties

<u>Appearance</u>		
Physical state	Liquid.	
Color	Orange.	
Odor	Aromatic.	
рН	insoluble in water.	
Boiling point	>37.78°C (>100°F)	
Flash point	Closed cup: 25°C (77°F)	
Evaporation rate	Not available.	
Flammability (solid, gas)	liquid	
Vapor pressure	Not available.	
Vapor density		
Relative density	1.19	
Solubility(ies)	Media Result	
Solubility(les)	cold water Not soluble	
Auto-ignition temperature	Not available.	
Viscosity	Øynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)	

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.

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Section 10. Stability and reactivity

Hazardous decomposition products

: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
x ylene	LD50 Dermal	Rabbit	1.7 g/kg	-
-	LD50 Oral	Rat	4.3 g/kg	-
n-butyl acetate	LC50 Inhalation Vapor	Rat	>21.1 mg/l	4 hours
-	LC50 Inhalation Vapor	Rat	2000 ppm	4 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10.768 g/kg	-
ethylbenzene	LC50 Inhalation Vapor	Rat	17.8 mg/l	4 hours
	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-
bis(1,2,2,6,6-pentamethyl- 4-piperidyl) sebacate	LD50 Oral	Rat	3.125 g/kg	-

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

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
xylene	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Conclusion/Summary				·	
Skin :	There are no data available	e on the mixtur	e itself.		
Eyes :	There are no data available	e on the mixtur	e itself.		
Respiratory :	There are no data available	e on the mixtur	e itself.		
Sensitization					
Conclusion/Summary					
Skin :	There are no data available	e on the mixtur	e itself.		
Respiratory :	There are no data available	e on the mixtur	e itself.		
<u>Mutagenicity</u>					
Conclusion/Summary	There are no data availab	le on the mixtu	re itself.		
Carcinogenicity					
Conclusion/Summary	There are no data availab	le on the mixtu	re itself.		
Reproductive toxicity					
Conclusion/Summary	There are no data availab	le on the mixtu	re itself.		
<u>Feratogenicity</u>					
Conclusion/Summary	There are no data availab	le on the mixtu	re itself.		
Specific target organ toxici	<u>ty (single exposure)</u>				

Section 11. Toxicological information

Name		Category	Route of exposure	Target organs
xylene	Category 3	-	Respiratory tract	
n-butyl acetate	Category 3	-	irritation Narcotic effects	
Specific target organ toxic	<u>city (repeated exposure)</u>			
Name		Category	Route of exposure	Target organs
ethylbenzene		Category 2	-	hearing organs
Aspiration hazard				
Name			Result	
xylene ethylbenzene			ASPIRATION HAZA ASPIRATION HAZA	
formation on the likely outes of exposure	: Not available.			
	ata .			
otential acute health effec	<u>215</u>			
<u>otential acute health effec</u> Eye contact	: Causes serious eye irrita	tion.		
			ry irritation.	
Eye contact	: Causes serious eye irrita	cause respirato	•	illergic skin reaction.
Eye contact Inhalation	: Causes serious eye irrita : Harmful if inhaled. May c	cause respirato efatting to the s	kin. May cause an a	illergic skin reaction.
Eye contact Inhalation Skin contact Ingestion	: Causes serious eye irrita : Harmful if inhaled. May c : Causes skin irritation. De	cause respirato efatting to the s ects or critical h	kin. May cause an a azards.	Illergic skin reaction.
Eye contact Inhalation Skin contact Ingestion	: Causes serious eye irrita : Harmful if inhaled. May o : Causes skin irritation. Do : No known significant effe	cause respirato efatting to the s ects or critical h logical charac	kin. May cause an a azards. tteristics	illergic skin reaction.
Eye contact Inhalation Skin contact Ingestion <u>ymptoms related to the p</u> l	 Causes serious eye irrita Harmful if inhaled. May of Causes skin irritation. Doe No known significant effet hysical, chemical and toxico Adverse symptoms may pain or irritation watering 	cause respirato efatting to the s ects or critical h logical charac include the follo	skin. May cause an a azards. ateristics owing:	Illergic skin reaction.
Eye contact Inhalation Skin contact Ingestion <u>ymptoms related to the pl</u> Eye contact	 Causes serious eye irrita Harmful if inhaled. May of Causes skin irritation. Doe No known significant effet hysical, chemical and toxico Adverse symptoms may pain or irritation watering redness Adverse symptoms may respiratory tract irritation 	cause respirato efatting to the s ects or critical h logical charac include the follo	skin. May cause an a azards. tteristics owing: owing:	allergic skin reaction.
Eye contact Inhalation Skin contact Ingestion <u>ymptoms related to the pl</u> Eye contact nhalation	 Causes serious eye irrita Harmful if inhaled. May of Causes skin irritation. De No known significant effet hysical, chemical and toxico Adverse symptoms may pain or irritation watering redness Adverse symptoms may respiratory tract irritation coughing Adverse symptoms may irritation redness dryness 	cause respirato efatting to the s ects or critical h logical charac include the follo	skin. May cause an a azards. tteristics owing: owing:	allergic skin reaction.
Eye contact Inhalation Skin contact Ingestion <u>ymptoms related to the pl</u> Eye contact Inhalation Skin contact Ingestion	 Causes serious eye irrita Harmful if inhaled. May of Causes skin irritation. Doe No known significant effer hysical, chemical and toxico Adverse symptoms may pain or irritation watering redness Adverse symptoms may respiratory tract irritation coughing Adverse symptoms may irritation redness dryness cracking 	cause respirato efatting to the s ects or critical h logical charac include the follo include the follo	skin. May cause an a azards. e <mark>teristics</mark> owing: owing:	
Eye contact Inhalation Skin contact Ingestion <u>ymptoms related to the pl</u> Eye contact Inhalation Skin contact	 Causes serious eye irrita Harmful if inhaled. May of Causes skin irritation. Dot No known significant effet hysical, chemical and toxico Adverse symptoms may pain or irritation watering redness Adverse symptoms may respiratory tract irritation coughing Adverse symptoms may irritation redness dryness cracking No specific data. 	cause respirato efatting to the s ects or critical h logical charac include the follo include the follo	skin. May cause an a azards. e <mark>teristics</mark> owing: owing:	

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Section 11. Toxicological information

Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	ects
General	 Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
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
Inhalation (vapors)	4581.28 mg/kg 26.71 mg/l 3.43 mg/l

Other 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

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Toxicity

Product/ingredient name	Result	Species	Exposure
r butyl acetate ethylbenzene	Acute LC50 18 mg/l Acute EC50 1.8 mg/l Fresh water Chronic NOEC 1 mg/l Fresh water	Fish Daphnia Daphnia - <i>Ceriodaphnia dubia</i>	96 hours 48 hours -

Conclusion/Summary

: There are no data available on the mixture itself.

Persistence/degradability

Product/ingredient name	Test	Result	Dose	Inoculum
-butyl acetate	TEPA and OECD 301D	83 % - Readily - 28 days	-	-
ethylbenzene	-	79 % - Readily - 10 days	-	-
Conclusion/Summary	: There are no	data available on the mixture i	tself.	

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Section 12. Ecological information

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
xylene	-	-	Readily
n-butyl acetate		-	Readily
ethylbenzene		-	Readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
x ylene	3.12	7.4 to 18.5	Low
n-butyl acetate	2.3	-	Low
ethylbenzene	3.6	79.43	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. 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 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	111		

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Section 14. Transport information

	•		
Environmental	No.	No.	No.
hazards			
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

Section 15. Regulatory information

Singapore - hazardous chemicals under government control

None.

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	: 16 January 2025
Date of previous issue	: 8/13/2024
Version	: 4.05
Prepared by	: EHS
Key to abbreviations	 ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container 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)

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Section 16. Other information

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.