SAFETY DATA SHEET



Date of issue 23 October 2023

Version 7

Section 1. Identification			
Chemical name	: SIGMACOVER 456 GROUP3 TINT		
GHS product identifier	: SIGMACOVER 456 GROUP3 TINT		
Code	: 40456-GRP03/16.4L		
Relevant identified uses of	the substance or mixture and uses advised against		
Product use	 Coating. Industrial applications, Professional applications, Used by spraying. 		
Supplier's details	: PPG Industries International Inc. Taiwan Branch. No.209, Hong Tzuenn Rd Ping Chen City, Taoyuan County, Taiwan Tel: 886 3 3663922 886 3 3751639 (Automotive OEM Coatings Products). Fax: 886 3 2182667		
Emergency telephone number	: North: +886-3-3663922 North : +886-911998320 South: +886-7-8718105 South : +886-932793707		

Section 2. Hazards identification

Classification of the	: AMMABLE LIQUIDS - Category 3
substance or mixture	ACUTE TOXICITY (dermal) - Category 5
	ACUTE TOXICITY (inhalation) - Category 4
	SKIN CORROSION/IRRITATION - Category 2
	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract
	irritation) - Category 3
	AQUATIC TOXICITY (ACUTE) - Category 3
	AQUATIC TOXICITY (CHRONIC) - Category 3
	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 47.5%
	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 39.7%
	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 56.9%
GHS label elements	•
Hazard pictograms	
	▼ ▼

Product name SIGMACOVER 456 GROUP3 TINT

Section 2. Hazards identification

Signal word	: Wa	arning
Hazard statements	Ma Ca Ca Ha Ma	ammable liquid and vapor. ay be harmful in contact with skin. auses skin irritation. auses serious eye irritation. armful if inhaled. ay cause respiratory irritation. armful to aquatic life with long lasting effects.
Precautionary statements		
Prevention	fro sm spa we	ear protective gloves, protective clothing and eye or face protection. Keep away m heat, hot surfaces, sparks, open flames and other ignition sources. No noking. Use explosion-proof electrical, ventilating or lighting equipment. Use non- arking tools. Take action to prevent static discharges. Use only outdoors or in a ell-ventilated area. Avoid release to the environment. Avoid breathing vapor. ash thoroughly after handling.
Response	a F imi PC irrit wa	INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER or doctor if you feel unwell. IF ON SKIN (or hair): Take off mediately all contaminated clothing. Rinse skin with water. IF ON SKIN: Call a DISON CENTER or doctor if you feel unwell. Wash with plenty of water. If skin tation occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with ther for several minutes. Remove contact lenses, if present and easy to do. ontinue rinsing. If eye irritation persists: Get medical advice or attention.
Storage		pre locked up. Store in a well-ventilated place. Keep container tightly closed. ep cool.
Disposal		spose of contents and container in accordance with all local, regional, national d international regulations.
Other hazards which do not result in classification	: Pro	olonged or repeated contact may dry skin and cause irritation.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture		
Hazardous ingredients	Concentration %	CAS number
Vene Talc , not containing asbestiform fibres barium sulfate ethylbenzene toluene	20 - <25 10 - <20 5 - <10 5 - <10 0.1 - <0.3	1330-20-7 14807-96-6 7727-43-7 100-41-4 108-88-3
Hazardous ingredients	Concentration %	CAS number
Vene Talc , not containing asbestiform fibres barium sulfate ethylbenzene toluene	20 - <25 10 - <20 5 - <10 5 - <10 0.1 - <0.3	1330-20-7 14807-96-6 7727-43-7 100-41-4 108-88-3

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 3. Composition/information on ingredients

SUB codes represent substances without registered CAS Numbers.

Section 4. First aid measures

Description of necessary firs	t a	id measures
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.
Ingestion	1	If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.
Skin contact	1	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
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.
Most important symptoms/ef	feo	cts, acute and delayed
Potential acute health effec	ts	
Eye contact	:	Causes serious eye irritation.
Inhalation	:	Harmful if inhaled. May cause respiratory irritation.
Skin contact	1	May be harmful in contact with skin. Causes skin irritation. Defatting to the skin.

: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Ingestion

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 med	<u>dica</u>	l attention and special treatment needed, if necessary
Notes to physician	1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	1	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

Extinguishing media Suitable	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Not suitable	: Do not use water jet.
Specific hazards arising from the chemical	: Mammable 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 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, 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.
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	ontainment and cleaning up
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.
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.

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Section 7. Handling and storage

Precautions for safe : handling	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Conditions for safe storage, : including any incompatibilities	Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, 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
v ylene	TW Minstry of Labor, labor permissible workplace exposure standards, allowable concentration (Taiwan, 3/2018). [xylenes (o-, m-, p-isomer)] STEL: 542.5 mg/m ³ 15 minutes. STEL: 125 ppm 15 minutes. TWA: 434 mg/m ³ 8 hours. TWA: 100 ppm 8 hours.
Talc (Mg3H2(SiO3)4)	TW Minstry of Labor, labor permissible workplace exposure standards, allowable concentration (Taiwan, 3/2018). STEL: 4 mg/m ³ 15 minutes. TWA: 2 mg/m ³ 8 hours.
ethylbenzene	TW Minstry of Labor, labor permissible workplace exposure standards, allowable concentration (Taiwan, 3/2018). STEL: 542.5 mg/m ³ 15 minutes. STEL: 125 ppm 15 minutes.
toluene	TWA: 434 mg/m³ 8 hours. TWA: 100 ppm 8 hours. TW Minstry of Labor, labor permissible
	workplace exposure standards, allowable concentration (Taiwan, 3/2018). Absorbed through skin.
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Section 8. Exposure controls/personal protection

	STEL: 470 mg/m ³ 15 minutes. STEL: 125 ppm 15 minutes. TWA: 376 mg/m ³ 8 hours. TWA: 100 ppm 8 hours.	
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 calso need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.	
Individual protection measured		
Respiratory protection	Respirator selection must be based on known or anticipated exposure levels, hazards of the product and the safe working limits of the selected respirator. workers are exposed to concentrations above the exposure limit, they must us appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessary.	lf se
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard so be worn at all times when handling chemical products if a risk assessment indentifies this is necessary. Considering the parameters specified by the glove manufact check during use that the gloves are still retaining their protective properties. 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 several substances, the protection time of the gloves cannot be accurately estimated.	dicates cturer, It
Gloves	For prolonged or repeated handling, use the following type of gloves: Not recommended: nitrile rubber Recommended: neoprene, natural rubber (latex), polyvinyl alcohol (PVA), Vite	on®
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 approved by a specialist before handling this product.	d be
Eye protection	Chemical splash goggles.	
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 p Appropriate techniques should be used to remove potentially contaminated clewash contaminated clothing before reusing. Ensure that eyewash stations are safety showers are close to the workstation location.	eriod. othing.

Section 9. Physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Various
Odor	: Hydrocarbon.
Odor threshold	: Not available.
рН	: Not applicable.
Melting point	: Not available.

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Section 9. Physical and chemical properties

Boiling point	:	136°C (276.8°F)	
Flash point	:	Closed cup: 24°C (75.2°F)	
Flammability (solid, gas)	:	Not available.	
Burning time	:	Not applicable.	
Burning rate	:	Not applicable.	
Decomposition temperature	:	Not available.	
Evaporation rate	:	Not available.	
Lower and upper explosive (flammable) limits	1	Not available.	
Vapor pressure	:	Not available.	
Vapor density	:	Not available.	
Relative density	:	1.45	
Solubility(ies)		Media Re	esult
Solubility(les)	1	cold water No	ot soluble
Partition coefficient: n- octanol/water	:	Not applicable.	
Auto-ignition temperature	:	Not available.	
Viscosity	:	Kinematic (40°C): >21 mm ² /s	

Section 10. Stability and reactivity

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 halogenated compounds metal oxide/ oxides	
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.	

Section 11. Toxicological information

Information on toxicological effects Acute toxicity

Section 11. Toxicological information

Product/ingredient name	Result	Species	Dose	Exposure
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
-	LD50 Oral	Rat	4.3 g/kg	-
barium sulfate	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/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	-
toluene	LC50 Inhalation Vapor	Rat	49 g/m ³	4 hours
	LD50 Dermal	Rabbit	8.39 g/kg	-
	LD50 Oral	Rat	5580 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
x ylene	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-

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
x ylene	Category 3	-	Respiratory tract irritation
Talc (Mg3H2(SiO3)4)	Category 3	-	Respiratory tract irritation
toluene	Category 3 Category 3	-	Narcotic effects Narcotic effects

Specific target organ toxicity (repeated exposure)

Name	• •	Route of exposure	Target organs
ethylbenzene	Category 2	-	hearing organs
toluene	Category 2		-

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Section 11. Toxicological information

Aspiration hazard

Name	Result
	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure	:	Not available.
Potential acute health effects		
Inhalation	:	Harmful if inhaled. May cause respiratory irritation.
Ingestion	:	No known significant effects or critical hazards.
Skin contact	:	May be harmful in contact with skin. Causes skin irritation. Defatting to the skin.
Eye contact	:	Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Eyes	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing
Skin	: 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

General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.
Not available.	
Potential chronic health ef	fects
Potential delayed effects	: Not available.
Potential immediate effects	: Not available.
Long term exposure	
Potential delayed effects	: Not available.
Potential immediate effects	: Not available.
Short term exposure	

Section 11. Toxicological information

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.
Skin contact	: No known significant effects or critical hazards.

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)
GMACOVER 456 GROUP3 TINT xylene Talc (Mg3H2(SiO3)4) barium sulfate ethylbenzene toluene	11321.4 4300 N/A N/A 3500 5580	3361.9 1700 N/A 2500 17800 8390	N/A N/A N/A N/A N/A	16.4 11 11 N/A 17.8 49	3.6 1.5 N/A N/A 1.5 N/A

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

<u>Toxicity</u>

Product/ingredient name	Result	Species	Exposure
ethylbenzene	Acute EC50 1.8 mg/l Fresh water Chronic NOEC 1 mg/l Fresh water	Daphnia Daphnia - <i>Ceriodaphnia dubia</i>	48 hours

Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
e thylbenzene	-	79 % - Readily - 10 days		-		-
Product/ingredient name	Aquatic half-life		Photolysis		Biode	gradability
xylene ethylbenzene toluene	- - -		- - -		Readil Readil Readil	ý

Bioaccumulative potential

Section 12. Ecological information

Product/ingredient name	LogPow	BCF	Potential
x ylene	3.12	7.4 to 18.5	Low
ethylbenzene	3.6	79.43	Low
toluene	2.73	8.32	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.		
	Disposal methods	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

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.

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Section 14. Transport information

IMDG	: None identified.

IATA : 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

TCCSCA List of toxic chemicals

Not applicable.

TCCSCA List of concerned chemicals

Not applicable.

- : This product contains substances "Specially hazardous to health": xylene,
- 2-methylpropan-1-ol, toluene, n-butyl acetate, 2-butoxyethanol.

List of chemicals for which manufacturing or handling is defined as "work specially hazardous to health"

Regulations Applicable:

- 1. Rules for Occupational Safety and Health Facilities
- 2. Regulations for the Labeling and Hazard Communication of Hazardous Chemicals
- 3. Prevention Rules for Organic Solvent Intoxication/Poisoning.
- 4. Standards of Permissible Exposure Limits of Airborne Hazardous Substances in Workplace
- 5. Traffic Safety Regulation of Road.

Section 16. Other information

References	Not available.			
Organization that	Name: PPG Industries Intern	ational Inc.	, Taiwan Branch	
prepared the SDS	Address / Telephone : No.209, Hong Tzuenn Rd Ping Che North: +886-3-3663922 North : +886-911998320 South: +886-7-8718105 South : +886-932793707	en City, Tac	oyuan County, Taiwan	
Person who prepared the SDS	Title: Technical manager Technical manager		Name: (Signature): Tony Cheng Daniel Wu	
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Section 16. Other information

Indicates information	that has changed from previously issued version.
Remarks	: New SDS layout incorporating TW Table 2017
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

<u>Disclaimer</u>

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.