# SAFETY DATA SHEET



Date of issue 8 June 2023

Version 1.03

# Section 1. Product and company identification

Product name : 980 EPOXY CLEAR CATALYST- B

Product code : 00462265

Other means of identification : Not available.

Product type : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** 

Coating. Paints. Painting-related materials.

Uses advised against	Reason
Not applicable.	

Supplier's details:

**Supplier** : PPG INDUSTRIES CHILE S.A.

Puerto Madero 9710, Of. 23

Pudahuel - Chile

Teléfono: +56 (2) 2571 0750 Fax: +56 (2) 2571 0752

Email address: : HazComLatam@ppg.com

**Emergency telephone number** 

+56 (2) 2777 1994 (RITA CHILE)

### Section 2. Hazards identification

Classification of the substance or mixture

: ACUTE TOXICITY (oral) - Category 5 ACUTE TOXICITY (dermal) - Category 5

SKIN CORROSION - Category 1
SERIOUS EYE DAMAGE - Category 1
SKIN SENSITIZATION - Category 1

TOXIC TO REPRODUCTION - Category 2

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

AQUATIC HAZARD (ACUTE) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 1

Target organs : Contains material which causes damage to the following organs: upper respiratory

tract, skin, eyes.

Contains material which may cause damage to the following organs: kidneys, the

reproductive system, liver, central nervous system (CNS).

English (US) Chile 1/12

Code 00462265 Date of issue 8 June 2023 Version 1.03

Product name 980 EPOXY CLEAR CATALYST- B

### Section 2. Hazards identification

### **GHS label elements**

Hazard pictograms









Signal word : Danger

**Hazard statements** : May be harmful if swallowed or in contact with skin.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure. (respiratory

tract)

Very toxic to aquatic life with long lasting effects.

**Precautionary statements** 

**Prevention**: Obtain special instructions before use. Wear protective gloves, protective clothing

and eye or face protection. Avoid release to the environment. Do not breathe vapor.

Response : Collect spillage. IF exposed or concerned: Get medical advice or attention. IF

INHALED: Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. IF ON SKIN: Call a POISON CENTER or doctor if you feel unwell. Wash with plenty of water. If skin irritation or rash 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.

Immediately call a POISON CENTER or doctor.

Storage : Not applicable.

Disposal : Dispose of contents and container in accordance with all local, regional, national

and international regulations.

Other hazards which do not : Causes digestive tract burns.

result in classification

Classification according to

NCh382:

: 8

Label according to

NCh2190:



# Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Other means of : Not available.

identification

**CAS** number/other identifiers

**CAS number** : Not applicable.

English (US) Chile 2/12

Code	00462265	Date of issue	8 June 2023	Version	1.03		
Product nar	ne 980 EPOXY CLI	AR CATALYST- B					
0 - 4! 0 0							

# Section 3. Composition/information on ingredients

Ingredient name	%	CAS number
Poly[oxy(methyl-1,2-ethanediyl)], α-(2-aminomethylethyl)-ω-(2-aminomethylethoxy)-	30 - <60	9046-10-0 (n = 2-6)
4-nonylphenol, branched 2-piperazin-1-ylethylamine	30 - <60 7 - <10	84852-15-3 140-31-8

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	:	Check for and remove any contact lenses. Immediately flush eyes with runn			
		water for at least 15 minutes, keeping eyelids open. Seek immediate medical			

attention.

**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.

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : In case of inhalation of decomposition products in a fire, symptoms may be delayed. Specific treatments : The exposed person may need to be kept under medical surveillance for 48 hours.

: The exposed person may need to be kept under medical surveillance for 48 hours. 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.

#### Potential acute health effects

**Eye contact** : Causes serious eye damage.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact**: Causes severe burns. May be harmful in contact with skin. May cause an allergic

skin reaction.

**Ingestion** : May be harmful if swallowed. Corrosive to the digestive tract. Causes burns.

See toxicological information (Section 11)

	English (US)	Chile	3/12
--	--------------	-------	------

Code 00462265 Date of issue 8 June 2023 Version 1.03

**Product name** 980 EPOXY CLEAR CATALYST- B

# Section 5. Fire-fighting measures

**Extinguishing media** 

Suitable extinguishing media

: Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing** media

: None known.

Specific hazards arising from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst. This material is very toxic 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

**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.

**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

### Section 6. Accidental release measures

### Personal precautions, protective 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. Do not breathe 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. Collect spillage.

#### Methods and materials for containment and cleaning up

**Small spill** 

: Stop leak if without risk. Move containers from spill area. 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. 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.

English (US) Chile 4/12

Date of issue Code 00462265 8 June 2023 Version 1.03

**Product name** 980 EPOXY CLEAR CATALYST- B

### Section 6. Accidental release measures

### Section 7. Handling and storage

### **Precautions for safe** handling

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. 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. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

# including any incompatibilities

Conditions for safe storage, : Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in 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. 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

Poly[oxy(methyl-1,2-ethanediyl)],  $\alpha$ -(2-aminomethylethyl)- $\omega$ -Not regulated.

(2-aminomethylethoxy)-

4-nonilfenol, ramificado Not regulated. 2-Piperazin-1-iletilamina Not regulated. Not regulated. Nafta (petróleo), alquilato pesado

**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

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**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 measures**

English (US) Chile 5/12 Code 8 June 2023 00462265 Date of issue Version 1.03

**Product name** 980 EPOXY CLEAR CATALYST- B

### Section 8. Exposure controls/personal protection

**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 protection Skin protection Hand protection**  Chemical splash goggles and face shield.

: 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** : butvl rubber

: Personal protective equipment for the body should be selected based on the task **Body protection** 

being performed and the risks involved and should be approved by a specialist

before handling this product.

: Appropriate footwear and any additional skin protection measures should be Other skin protection

selected based on the task being performed and the risks involved and should be

approved by a specialist before handling this product.

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.

# Section 9. Physical and chemical properties

**Appearance** 

**Physical state** : Liquid. Color : Clear. Odor : Amine-like.

pH Not applicable. **Melting point** : Not available.

**Boiling point** : >37.78°C (>100°F)

Flash point : Closed cup: 98.89°C (210°F)

**Evaporation rate** : Not available. Flammability (solid, gas) : Not available. Lower and upper explosive : Not available.

(flammable) limits

: Not available.

Vapor pressure Vapor density Not available.

: 0.95 **Relative density** 

English (US) Chile 6/12 
 Code
 00462265
 Date of issue
 8 June 2023
 Version
 1.03

Product name 980 EPOXY CLEAR CATALYST- B

# Section 9. Physical and chemical properties

Solubility(ies) : Media Result

cold water Not soluble

Partition coefficient: n-

octanol/water

: Not applicable.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : 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.

Hazardous decomposition products

: Depending on conditions, decomposition products may include the following materials:

carbon oxides nitrogen oxides

# Section 11. Toxicological information

### Information on toxicological effects

### **Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Poly[oxy(methyl-	LD50 Dermal	Rat	2980 mg/kg	-
1,2-ethanediyl)], α-				
(2-aminomethylethyl)-ω-				
(2-aminomethylethoxy)-	1,550,0	<b>D</b> (	0005 //	
	LD50 Oral	Rat	2885 mg/kg	-
4-nonylphenol, branched	LD50 Dermal	Rabbit	2.14 g/kg	-
	LD50 Oral	Rat	1300 mg/kg	-
2-piperazin-1-ylethylamine	LC50 Inhalation Dusts and mists	Rat	>5 mg/l	4 hours
	LD50 Dermal	Rabbit	866 mg/kg	-
	LD50 Oral	Rat	2140 mg/kg	-

#### **Conclusion/Summary**

### Irritation/Corrosion

: There are no data available on the mixture itself.

Product/ingredient nameResultSpeciesScoreExposureObservation4-nonylphenol, branchedSkin - Erythema/EscharRabbit4--

#### **Conclusion/Summary**

**Skin**: There are no data available on the mixture itself.

|--|

Code 00462265 Date of issue 8 June 2023 Version 1.03

Product name 980 EPOXY CLEAR CATALYST- B

# Section 11. Toxicological information

Eyes : There are no data available on the mixture itself.

**Respiratory**: There are no data available on the mixture itself.

**Sensitization** 

 Product/ingredient name
 Route of exposure
 Species
 Result

 2-piperazin-1-ylethylamine
 skin
 Guinea pig
 Sensitizing

**Conclusion/Summary** 

Skin : There are no data available on the mixture itself.Respiratory : There are no data available on the mixture itself.

Mutagenicity
Not available.

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

Carcinogenicity

Not available.

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

Reproductive toxicity

Not available.

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

Teratogenicity

Not available.

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

Specific target organ toxicity (single exposure)

Not available.

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

Name		Route of exposure	Target organs
2-piperazin-1-ylethylamine	Category 1	inhalation	respiratory tract

<u>Target organs</u>: Contains material which causes damage to the following organs: upper respiratory

tract, skin, eyes.

Contains material which may cause damage to the following organs: kidneys, the reproductive system, liver, central nervous system (CNS).

**Aspiration hazard** 

Not available.

Information on the likely routes of exposure

: Not available.

Potential acute health effects

**Eye contact** : Causes serious eye damage.

**Inhalation** : No known significant effects or critical hazards.

English (US) Chile 8/12

Code 00462265 Date of issue 8 June 2023 Version 1.03

Product name 980 EPOXY CLEAR CATALYST- B

# Section 11. Toxicological information

Skin contact : Causes severe burns. May be harmful in contact with skin. May cause an allergic

skin reaction.

Ingestion : May be harmful if swallowed. Corrosive to the digestive tract. Causes burns.

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

Eye contact :

: Adverse symptoms may include the following:

pain watering redness

**Inhalation** : Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

**Skin contact**: Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations

**Ingestion**: Adverse symptoms may include the following:

stomach pains reduced fetal weight increase in fetal deaths skeletal malformations

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

**Conclusion/Summary**: There are no data available on the mixture itself. If splashed in the eyes, the liquid

may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

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** 

: There are no data available on the mixture itself.

effects

Potential delayed effects : There are no data available on the mixture itself.

Potential chronic health effects

Not available.

General: May cause damage to organs through prolonged or repeated exposure. 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**: Suspected of damaging fertility or the unborn child.

English (US) Chile 9/12

Product name 980 EPOXY CLEAR CATALYST- B

# Section 11. Toxicological information

### **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)
980 EPOXY CLEAR CATALYST- B	2029.7	2235.5	N/A	N/A	N/A
Poly[oxy(methyl-1,2-ethanediyl)], α-	2885	2980	N/A	N/A	N/A
(2-aminomethylethyl)-ω-(2-aminomethylethoxy)-					
4-nonylphenol, branched	1300	2140	N/A	N/A	N/A
2-piperazin-1-ylethylamine	2140	866	N/A	N/A	N/A

Other information : Not available.

# **Section 12. Ecological information**

### **Ecotoxicity**

Product/ingredient name	Result	Species	Exposure
Poly[oxy(methyl- 1,2-ethanediyl)], α- (2-aminomethylethyl)-ω- (2-aminomethylethoxy)-	EC50 15 mg/l	Algae	72 hours
4-nonylphenol, branched 2-piperazin-1-ylethylamine	Acute EC50 0.044 mg/l Acute LC50 0.221 mg/l Acute EC50 58 mg/l	Crustaceans - Moina macrocopa Fish Daphnia	48 hours 96 hours 48 hours

### Persistence/degradability

Product/ingredient name	Test	Result		Dose		Inoculum
2-piperazin-1-ylethylamine	OECD 301F	0 % - Not readily - 28 days		-		-
Product/ingredient name	Aquatic half-life	)	Photolysis		Biodeg	ıradability
Poly[oxy(methyl- 1,2-ethanediyl)], α- (2-aminomethylethyl)-ω- (2-aminomethylethoxy)- 2-piperazin-1-ylethylamine	-		-		Not rea	•

### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
4-nonylphenol, branched	5.4	251.19	low
2-piperazin-1-ylethylamine	-1.48	-	low

### **Mobility in soil**

Soil/water partition coefficient (Koc)

: Not available.

English (US)	Chile	10/12

Code Date of issue 00462265 8 June 2023 Version 1.03

**Product name** 980 EPOXY CLEAR CATALYST- B

# Section 12. Ecological information

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

# **Section 14. Transport information**

	UN	Brazil (ANTT)	IMDG	IATA
UN number	UN3066	UN3066	UN3066	UN3066
UN proper shipping name	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	8	8	8	8
Packing group	II	II	II	II
Environmental hazards	Yes. The environmentally hazardous substance mark is not required.	Yes. The environmentally hazardous substance mark is not required.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	Not applicable.	(4-nonylphenol, branched)	Not applicable.

#### **Additional information**

UN : None identified. **Brazil** : None identified.

Risk number

**IMDG** : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.

**IATA** : The environmentally hazardous substance mark may appear if required by other transportation

regulations.

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

Code Date of issue 00462265 8 June 2023 Version 1.03

**Product name** 980 EPOXY CLEAR CATALYST- B

# Section 15. Regulatory information

Safety, health and environmental regulations specific for the product

: NCh 382 - Hazardous substances - General terminology and classification.

NCh 2245 - Material Safety Data Sheet for Chemicals - Contents and section order.

D. S. 148 - Sanitary regulations on hazardous waste management.

D. S. 298 - Transport of dangerous goods by road.

D. S. 374 – Limit for Lead content in paints.

D. S. 594 - Regulation on basic sanitary and environmental conditions at workplace.

### Section 16. Other information

#### **History**

**Version** 

**Date of previous issue** 5/17/2023

> 1.03 **EHS**

Key to abbreviations

: ADN = European Provisions concerning the International Carriage of Dangerous

Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of

Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships.

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

RID = The Regulations concerning the International Carriage of Dangerous Goods

by Rail

**UN = United Nations** 

: ABNT NBR 14725-4: 2014 References

ANTT - National Land Transportation Agency

Indicates information that has changed from previously issued version.

#### **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.

> English (US) Chile 12/12