SAFETY DATA SHEET

Date of issue/Date of revision 21 February 2023

Version8

Section 1. Identification

Product code	: 00297162
Product name	: PSX 700 HARDENER
Other means of identification	: Not available.
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	: PT PPG Coatings Indonesia JI. Rawagelam III No.1 13930 Jakarta Indonesia Tel +62 21 4605710 PMC.Safety@PPG.com
Emergency telephone number	: CHEMTREC 001-803-017-9114 (CCN 17704)

Section 2. Hazards identification

Classification of the	: FLAMMABLE LIQUIDS - Category 3
substance or mixture	ACUTE TOXICITY (oral) - Category 4
	SKIN CORROSION/IRRITATION - Category 1B
	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
	SKIN SENSITIZATION - Category 1
	GERM CELL MUTAGENICITY - Category 2
	TOXIC TO REPRODUCTION - Category 1B
	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 2
	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
	AQUATIC HAZARD (LONG-TERM) - Category 2

GHS label elements, including precautionary statements

Hazard pictograms



Signal word

: Danger

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Product code 00297162

Product name PSX 700 HARDENER

Section 2. Hazards identification

Hazard statements	:	Flammable liquid and vapor. Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of causing genetic defects. May damage fertility or the unborn child. May cause damage to organs. May cause damage to organs through prolonged or repeated exposure. (immune system) Toxic to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	Obtain 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. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Keep container tightly closed. Avoid release to the environment. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.
Response	:	Collect spillage. IF exposed or concerned: Call a POISON CENTER or doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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: 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	1	Store locked up. Store in a well-ventilated place. Keep cool.
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. Prolonged or repeated contact may dry skin and

result in classification cause irritation.

Section 3. Composition/information on ingredients

Su	bsta	nce/	/ <mark>m</mark> i	ixture

: Mixture

CAS number EC number	: Not applicable. : Mixture.		
Ingredient name		%	CAS number
3-aminopropyltriethoxysilane dibutylbis(pentane-2,4-dionato-O,O')tin ethanol		50- 100 5- <10 1- <3	919-30-2 22673-19-4 64-17-5

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.

Section 3. Composition/information on ingredients

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 necessary first aid measures

Eye contact	 Check for and remove any contact lenses. Immediately flush eyes with running 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.
Most important symptor	ms/effects, acute and delayed
Potential acute health	effects
Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes severe burns. May cause damage to organs following a single exposure in

Skin contact	: Causes severe burns. May cause damage to organs following a single exposure in contact with skin. Defatting to the skin. May cause an allergic skin reaction.
Incretion	Libraryful if awallowed Corrective to the directive tract. Courses human May source

Ingestion : Harmful if swallowed. Corrosive to the digestive tract. Causes burns. May cause damage to organs following a single exposure if swallowed.

Over-exposure signs/symptoms

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 dryness cracking 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

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

Section 4. First aid measures

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

Extinguishing media	
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. This material is 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 metal oxide/oxides Formaldehyde.
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, protectiv	<u>e equipment and emergency procedures</u>
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. 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".

Product name PSX 700 HARDENER

Section 6. Accidental release measures

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	s for containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	: 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. 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.
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.
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Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name			Exposure limits	
dibutylbis(pentane-2,4-dionat	to-C	D,O')tin	Minister of Labor of the Republic of Indonesia (Indonesia, 4/2018). [Organic compounds of tin] Absorbed through skin. TWA: 0.1 mg/m ³ , (as Sn) 8 hours. Minister of Labor of the Republic of Indonesia (Indonesia, 4/2018). STEL: 1000 BDS 15 minutes.	
Recommended monitoring procedures	:		riate monitoring standards. Reference to nods for the determination of hazardous	
Appropriate engineering controls	:	contaminants below any recommende	ls to keep worker exposure to airborne ed or statutory limits. The engineering controls concentrations below any lower explosive	
 Environmental exposure controls Emissions from ventilation or wor they comply with the requirement cases, fume scrubbers, filters or 			ork process equipment should be checked to ensure ts of environmental protection legislation. In some engineering modifications to the process educe emissions to acceptable levels.	
Individual protection measur	<u>es</u>			
Hygiene measures	:	eating, smoking and using the lavator Appropriate techniques should be use Contaminated work clothing should no	bughly after handling chemical products, before y and at the end of the working period. ed to remove potentially contaminated clothing. of be allowed out of the workplace. Wash Ensure that eyewash stations and safety ocation.	
Eye/face protection	:	Chemical splash goggles and face shi	ield.	
Skin protection				
Hand protection	:	be worn at all times when handling ch this is necessary. Considering the par check during use that the gloves are s should be noted that the time to break	s complying with an approved standard should emical products if a risk assessment indicates rameters specified by the glove manufacturer, still retaining their protective properties. It athrough for any glove material may be rers. In the case of mixtures, consisting of the of the gloves cannot be accurately	
Gloves	:	nitrile neoprene		
Body protection	:	being performed and the risks involve		

Section 8. Exposure controls/personal protection

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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.
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

1	Liquid.		
1	Colorless.		
1	Amine-like.		
1	Not available.		
:	Not applicable.		
:	Not available.		
:	>37.78°C (>100°F)		
1	Closed cup: 47°C (116.6°F)		
:	Not available.		
:	Not available.		
:	Greatest known range: Lower: 3.3% Upper: 19% (ethanol)		
:	Not available.		
:	Not available.		
:	0.96		
:	0.963		
	Media Result		
:	cold water Not soluble		
:	Not applicable.		
:	Not available.		
:	Not available.		
:	Kinematic (40°C): >21 mm²/s		
:	60 - 100 s (ISO 6mm)		

Section 10. Stability and reactivity

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Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Chemical stability	: The product is stable.
Reactivity	: No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

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 Formaldehyde. metal oxide/oxides

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result		Species	Dose	Exposure
3-aminopropyltriethoxysilane	LC50 Inhalation D	usts and mists	Rat	>7.35 mg/l	4 hours
	LD50 Dermal		Rabbit	4 g/kg	-
	LD50 Oral		Rat	1.57 g/kg	-
dibutylbis(pentane-	LD50 Dermal		Rat	>2000 mg/kg	-
2,4-dionato-O,O')tin			Det		
ethanol	LD50 Oral LC50 Inhalation V	apor	Rat Rat	1864 mg/kg 124700 mg/m ³	- 4 hours
ethanol	LD50 Dermal	арог	Rat	17100 mg/kg	4 110015
	LD50 Oral		Rat	7 g/kg	-
Conclusion/Summary	: There are no da	ta available on t			
Irritation/Corrosion					
Conclusion/Summary	-			10	
Skin	: There are no da				
Eyes	: There are no da				
Respiratory	: There are no da	ata available on	the mixture itse	lt.	
Sensitization					
• • • • • •	Route of	Creation		Descrit	
Product/ingredient name	exposure	Species		Result	
3-aminopropyltriethoxysilane		Guinea pig		Sensitizing	
	exposure				
3-aminopropyltriethoxysilane	exposure	Guinea pig	the mixture itse	Sensitizing	
3-aminopropyltriethoxysilane Conclusion/Summary Skin	exposure skin : There are no da	Guinea pig ata available on		Sensitizing	
3-aminopropyltriethoxysilane Conclusion/Summary	exposure skin	Guinea pig ata available on		Sensitizing	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> Skin Respiratory <u>Mutagenicity</u>	exposure skin : There are no da	Guinea pig ata available on ata available on	the mixture itse	Sensitizing If. If.	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> Skin Respiratory <u>Mutagenicity</u> Conclusion/Summary	exposure skin : There are no da : There are no da	Guinea pig ata available on ata available on	the mixture itse	Sensitizing If. If.	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> Skin Respiratory <u>Mutagenicity</u> Conclusion/Summary <u>Carcinogenicity</u>	exposure skin : There are no da : There are no da : There are no da	Guinea pig ata available on ata available on ata available on	the mixture itse	Sensitizing If. If.	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> <u>Skin</u> <u>Respiratory</u> <u>Mutagenicity</u> <u>Conclusion/Summary</u> <u>Carcinogenicity</u> <u>Conclusion/Summary</u>	exposure skin : There are no da : There are no da	Guinea pig ata available on ata available on ata available on	the mixture itse	Sensitizing If. If.	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> Skin Respiratory <u>Mutagenicity</u> Conclusion/Summary <u>Carcinogenicity</u> Conclusion/Summary <u>Reproductive toxicity</u>	exposure skin : There are no da : There are no da : There are no da : There are no da	Guinea pig ata available on ata available on ata available on ata available on	the mixture itse the mixture itse the mixture itse	Sensitizing If. If. If.	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> Skin Respiratory <u>Mutagenicity</u> Conclusion/Summary <u>Carcinogenicity</u> Conclusion/Summary <u>Reproductive toxicity</u> Conclusion/Summary	exposure skin : There are no da : There are no da : There are no da	Guinea pig ata available on ata available on ata available on ata available on	the mixture itse the mixture itse the mixture itse	Sensitizing If. If. If.	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> Skin Respiratory <u>Mutagenicity</u> Conclusion/Summary <u>Carcinogenicity</u> Conclusion/Summary <u>Reproductive toxicity</u> Conclusion/Summary <u>Teratogenicity</u>	exposure skin : There are no da : There are no da : There are no da : There are no da : There are no da	Guinea pig ata available on ata available on ata available on ata available on ata available on	the mixture itse the mixture itse the mixture itse the mixture itse	Sensitizing If. If. If. If.	
3-aminopropyltriethoxysilane <u>Conclusion/Summary</u> Skin Respiratory <u>Mutagenicity</u> Conclusion/Summary <u>Carcinogenicity</u> Conclusion/Summary <u>Reproductive toxicity</u> Conclusion/Summary	exposure skin : There are no da : There are no da : There are no da : There are no da	Guinea pig ata available on ata available on ata available on ata available on ata available on	the mixture itse the mixture itse the mixture itse the mixture itse	Sensitizing If. If. If. If.	

Section 11. Toxicological information

Name			Category	Route of exposure	Target organs
dibutylbis(pentane-2,4-dionato-O,O')tin			Category 1	-	-
Specific target organ toxi	city (r	epeated exposure)			
Name			Category	Route of exposure	Target organs
dibutylbis(pentane-2,4-dion	ato-O	,O')tin	Category 1	-	immune system
nformation on the likely outes of exposure	:	Not available.			
outes of exposure	-	Not available.			
outes of exposure Potential acute health effec	<u>:ts</u>	Not available. Causes serious eye	damage.		
	: <u>ts</u> :	Causes serious eye	damage. t effects or critical haz	zards.	
outes of exposure Potential acute health effect Eye contact	: <u>ts</u> : :	Causes serious eye No known significan Causes severe burn	t effects or critical haz	je to organs followi	ng a single exposure gic skin reaction.

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 dryness cracking 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 Short term exposure

Section 11. Toxicological information

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Potential immediate effects	: There are no data available on the mixture itself.
Potential delayed effects	: There are no data available on the mixture itself.
<u>Long term exposure</u>	
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	fects
General	: May cause damage to organs through prolonged or repeated exposure. 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	: Suspected of causing genetic defects.
Reproductive toxicity	: May damage fertility or the unborn child.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	1607.18 mg/kg

Other information

Causes digestive tract burns. Prolonged or repeated contact may dry skin and cause irritation. 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. Contains a substance that may emit formaldehyde if stored beyond its shelf life and/or during cure at curing temperatures greater than 60C (140F). Avoid contact with skin and clothing.

Section 12. Ecological information

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Toxicity

Product/ingredient name	Result	Species	Exposure
3-aminopropyltriethoxysilane	5	Fish	96 hours
ethanol		Daphnia - Daphnia magna	48 hours

Persistence/degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
ethanol	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
3-aminopropyltriethoxysilane	1.7	3.4	low
ethanol	-0.35	-	low

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Section 12. Ecological information

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

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	IATA
UN number	UN3470	UN3470	UN3470
UN proper shipping name	PAINT, CORROSIVE, FLAMMABLE	PAINT, CORROSIVE, FLAMMABLE	PAINT, CORROSIVE, FLAMMABLE
Transport hazard class(es)	8 (3)	8 (3)	8 (3)
Packing group			
Environmental hazards	Yes. The environmentally hazardous substance mark is not required.	Yes.	Yes. The environmentally hazardous substance mark is not required.
Marine pollutant substances	Not applicable.	(dibutylbis(pentane- 2,4-dionato-O,O')tin)	Not applicable.

Additional information

UN	: None identified.
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.

Product code 00297162 Product name PSX 700 HARDENER

Section 14. Transport information

Transport in bulk according : Not applicable. to IMO instruments

Section 15. Regulatory information

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Safety, health and environmental regulations specific for the product

Classification

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



Law No. 74/2001 - Banned

None of the components are listed.

Law No. 74/2001 - Restricted

Chemicals that may be used

None of the components are listed.

: Not determined

International regulations

Montreal Protocol

Law No. 74/2001 -

Not listed.

Stockholm Convention on Persistent Organic Pollutants Not listed.

Section 16. Other information

Date of issue/Date of revision: 21 February 2023Date of previous issue: 2/13/2023Version: 8Prepared by: EHSKey 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>History</u>	
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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	Version	: 8
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Indicates information that has changed from previously issued version.

Section 16. Other information

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.