# **SAFETY DATA SHEET**



### Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of revision 31 January 2024

Version 9

Date of issue 31 January 2024

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	: HI-TEMP 900 CURE
Product code	: 00418583
Other means of identification	: Not applicable.
Product type	: Liquid.
Relevant identified uses of	the substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.
Uses advised against	Not applicable.
Manufacturer	: PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272
Emergency telephone number	: (412) 434-4515 (U.S.) (514) 645-1320 (Canada) SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México)
Technical Phone Number	: 888-977-4762

# **SECTION 2: Hazards identification**

Classification of the substance or mixture       : FLAMMABLE LIQUIDS - Category 3         ACUTE TOXICITY (oral) - Category 1       ACUTE TOXICITY (oral) - Category 1B         SERIOUS EYE DAMAGE - Category 1       SKIN CORROSION - Category 1         SKIN SENSITIZATION - Category 1       SACUNCEPIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1         Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 85.5% (oral), 87.1% (dermal), 60% (inhalation)         GHS label elements         Hazard pictograms         :       Image:         Signal word       :		Movico Page: 1/1
substance or mixture       ACUTE TOXICITY (oral) - Category 5         SKIN CORROSION - Category 1B       SERIOUS EYE DAMAGE - Category 1         SKIN SENSITIZATION - Category 1       SKIN SENSITIZATION - Category 1         CARCINOGENICITY - Category 1A       SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1         Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 85.5% (oral), 87.1% (dermal), 60% (inhalation)	Signal word	: Danger
substance or mixture       ACUTE TOXICITY (oral) - Category 5         SKIN CORROSION - Category 1B       SERIOUS EYE DAMAGE - Category 1         SKIN SENSITIZATION - Category 1       SKIN SENSITIZATION - Category 1         CARCINOGENICITY - Category 1A       SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1         Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity:       85.5% (oral), 87.1% (dermal), 60% (inhalation)	Hazard pictograms	
substance or mixture       ACUTE TOXICITY (oral) - Category 5         SKIN CORROSION - Category 1B       SERIOUS EYE DAMAGE - Category 1         SKIN SENSITIZATION - Category 1       CARCINOGENICITY - Category 1         CARCINOGENICITY - Category 1A       SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1         Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity:	GHS label elements	
	substance or mixture	ACUTE TOXICITY (oral) - Category 5 SKIN CORROSION - Category 1B SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity:

Product name HI-TEMP 900 CURE

# **SECTION 2: Hazards identification**

	-	
Hazard statements Precautionary statements	:	<ul> <li>H226 - Flammable liquid and vapor.</li> <li>H303 - May be harmful if swallowed.</li> <li>H314 - Causes severe skin burns and eye damage.</li> <li>H317 - May cause an allergic skin reaction.</li> <li>H350 - May cause cancer.</li> <li>H372 - Causes damage to organs through prolonged or repeated exposure.</li> </ul>
· · · · · · · · · · · · · · · · · · ·	_	Dood Obtain an acial instructions hafans we
Prevention	:	<ul> <li>P201 - Obtain special instructions before use.</li> <li>P202 - Do not handle until all safety precautions have been read and understood.</li> <li>P280 - Wear protective gloves, protective clothing and eye or face protection.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P260 - Do not breathe vapor.</li> <li>P270 - Do not eat, drink or smoke when using this product.</li> <li>P264 - Wash thoroughly after handling.</li> <li>P272 - Contaminated work clothing should not be allowed out of the workplace.</li> </ul>
Response	:	<ul> <li>P308 + P313 - IF exposed or concerned: Get medical advice or attention.</li> <li>P304 + P340, P310 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.</li> <li>P301 + P310, P330, P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.</li> <li>P303 + P361 + P353, P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor.</li> <li>P363 - Wash contaminated clothing before reuse.</li> <li>P302 + P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.</li> <li>P305 + P351 + P338, P310 - 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.</li> </ul>
Storage	:	P405 - Store locked up.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification	:	Causes digestive tract burns. Sanding and grinding dusts may be harmful if inhaled. 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. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Emits toxic fumes when heated.

See toxicological information (Section 11)

# **SECTION 3: Composition/information on ingredients**

Substance/mixture	: Mixture
Product name	: HI-TEMP 900 CURE
Other means of identification	: Not applicable.

Product name HI-TEMP 900 CURE

### **SECTION 3: Composition/information on ingredients**

Ingredient name	%	CAS number
Mica-group minerals	≥20 - ≤50	12001-26-2
Proprietary silane	≥5.0 - ≤10	Proprietary
Solvent naphtha (petroleum), heavy arom.	≥1.0 - ≤5.0	64742-94-5
crystalline silica, respirable powder (<10 microns)	≥1.0 - ≤5.0	14808-60-7
naphthalene	<1.0	91-20-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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.

### **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 symptoms/effects, acute and delayed

#### Potential acute health effects

Eve contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes severe burns. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: May be harmful if swallowed. Corrosive to the digestive tract. Causes burns.

#### **Over-exposure signs/symptoms**

See toxicological information (Section 11)

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

Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed.</li></ul>
Specific treatments	The exposed person may need to be kept under medical surveillance for 48 hours. <li>No specific treatment.</li>
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.

### Product name HI-TEMP 900 CURE

### **SECTION 5: Firefighting measures**

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
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, 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. 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".
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).
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

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Product name HI-TEMP 900 CURE

### **SECTION 6: Accidental release measures**

emergency contact information and Section 13 for waste disposal.

# **SECTION 7: Handling and storage**

Precautions for safe handling	9	
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. 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. 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.
Special precautions	:	Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
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.

# **SECTION 8: Exposure controls/personal protection**

### **Control parameters**

**Occupational exposure limits** 

-010-STPS-2014 (Mexico, 4/2016). A: 3 mg/m <sup>3</sup> 8 hours. Form: Respirable on
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<b>-010-STPS-2014 (Mexico, 4/2016).</b> A: 0.025 mg/m³ 8 hours. Form: irable
-010-STPS-2014 (Mexico, 4/2016).
- ir

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# SECTION 8: Exposure controls/personal protection

				Absorbed through skin.	
				STEL: 15 ppm 15 minutes.	
				TWA: 10 ppm 8 hours.	
	Kout	abbroviations		1	
C = Ceiling Limit	Key to	o abbreviations	STEL	= Short term exposure limit	
IPEL = Internal Permissible Expo	sure Limit		TLV	= Threshold Limit Value	
			TWA	<ul> <li>Time Weighted Average</li> </ul>	
Consult local authorities for	acceptable ex	posure limits.			
Recommended monitoring	: Reference s	hould be made to a	ppror	priate monitoring standards. Reference to	
procedures	national guid		or met	hods for the determination of hazardous	
Appropriate engineering	: Use only wit	h adequate ventilat	ion. L	Jse process enclosures, local exhaust	
controls	ventilation of contaminant also need to	r other engineering s below any recom	contro mend <sup>-</sup> dust	ols to keep worker exposure to airborne ed or statutory limits. The engineering controls concentrations below any lower explosive	
Environmental exposure	: Emissions fr	om ventilation or w	ork pr	ocess equipment should be checked to ensure	
controls	they comply cases, fume	with the requireme scrubbers, filters of	nts of r engi	environmental protection legislation. In some ineering modifications to the process be emissions to acceptable levels.	
ndividual protection measure	<u>es</u>				
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before				
	Appropriate Contaminate contaminate	techniques should ed work clothing sh	be us ould n eusing	ry and at the end of the working period. ed to remove potentially contaminated clothing ot be allowed out of the workplace. Wash B. Ensure that eyewash stations and safety location.	
Eye/face protection	: Chemical sp	lash goggles and fa	ace sł	nield.	
Skin protection					
Hand protection	be worn at a this is neces check during should be no different for	Il times when hand sary. Considering g use that the glove oted that the time to different glove man	ling ch the pa s are brea ufactu	s complying with an approved standard should nemical products if a risk assessment indicates arameters specified by the glove manufacturer still retaining their protective properties. It kthrough for any glove material may be urers. In the case of mixtures, consisting of ne of the gloves cannot be accurately	
Gloves	: nitrile neopr	ene			
Body protection	being perfor before hand wear anti-sta	med and the risks i ling this product.  W atic protective cloth	nvolve /hen t ng. F	e body should be selected based on the task ed and should be approved by a specialist here is a risk of ignition from static electricity, for the greatest protection from static nti-static overalls, boots and gloves.	
Other skin protection	selected bas		ng per	nal skin protection measures should be formed and the risks involved and should be ling this product.	
Respiratory protection	: Respirator s hazards of th workers are appropriate,	election must be ba ne product and the exposed to concen certified respirators	ased c safe v tration s. Use	on known or anticipated exposure levels, the working limits of the selected respirator. If ns above the exposure limit, they must use e a properly fitted, air-purifying or air-fed d standard if a risk assessment indicates this i	

Product name HI-TEMP 900 CURE

# **SECTION 9: Physical and chemical properties**

### **Appearance**

Physical state	1	Liquid.	
Color	1	Beige.	
Odor	:	Ødorless.	
Odor threshold	1	Not available.	
Molecular weight	4	Not applicable.	
рН	4	Not applicable.	
Melting point	4	Not available.	
Boiling point	4	>37.78°C (>100°F)	
Flash point	1	Closed cup: 29°C (84.2°F)	
Auto-ignition temperature	1	Not available.	
Decomposition temperature	1	Not available.	
Flammability	4	Not available.	
Lower and upper explosive (flammable) limits	;	Not available.	
Evaporation rate	4	Not available.	
Vapor pressure	1	Not available.	
Vapor density	1	Not available.	
Relative density	1	1.31	
Density(lbs / gal)	1	10.93	
		Media F	Result
Solubility(ies)	1	cold water	Not soluble
Solubility in water	1	Not available.	
Partition coefficient: n- octanol/water	;	Not applicable.	
Viscosity	1	Kinematic (40°C (104°F)): >2	21 mm²/s (>21 cSt)
Volatility	4	<b>4</b> % (v/v), 2.415% (w/w)	
% Solid. (w/w)	:	<mark>9</mark> 7.585	

# **SECTION 10: Stability and reactivity**

	carbon oxides nitrogen oxides Formaldehyde. metal oxide/oxides
Hazardous decomposition products	Depending on conditions, decomposition products may include the following materials
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
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.

Product name HI-TEMP 900 CURE

# **SECTION 11: Toxicological information**

### Information on toxicological effects

### Acute toxicity

Product/ingredient name	Result			Species	Dose	Exposure
3-aminopropyltriethoxysilane	LD50 Dermal		Rat Rabbit Rat	>7.35 mg/l 4 g/kg 1.57 g/kg	4 hours - -	
Solvent naphtha (petroleum), heavy arom.	LC50 Inhal	lation Du	sts and mists	Rat	>5.2 mg/l	4 hours
naphthalene	LD50 Dermal		Rat Rabbit Rat	>5 g/kg >20 g/kg 490 mg/kg		
Conclusion/Summary	: There a	re no dat	a available on	the mixture itse	lf.	
rritation/Corrosion						
Conclusion/Summary						
Skin				the mixture itse		
Eyes				the mixture itse		
Respiratory	: There a	re no dat	a available on	the mixture itse	elf.	
<u>Sensitization</u>						
Product/ingredient name	Route of exposure	5	Species	Result		
3-aminopropyltriethoxysilane	skin	(	Guinea pig		Sensitizing	
Conclusion/Summary						
Skin	: There are no data available on the mixture itself.					
Respiratory	: There ar	re no dat	a available on	the mixture itse	lf.	
<u>Mutagenicity</u>						
Conclusion/Summary	: There ar	re no dat	a available on	the mixture itse	lf.	
Carcinogenicity						
Conclusion/Summary	: There a	re no dat	a available on	the mixture itse	lf.	
<b>Classification</b>						
Product/ingredient name	OSHA	IARC	NTP			
vystalline silica, respirable powder (<10 microns)	+	1	Known to be a human carcinogen.			
naphthalene	-	2B	Reasonably anticipated to be a human carcinogen.			
Carcinogen Classificatio	n code:					
IARC: 1, 2A, 2B, 3 NTP: Known to b OSHA: + Not listed/not reg	e a human ca	rcinogen;	Reasonably anti	cipated to be a hur	nan carcinogen	

Reproductive toxicity	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
Teratogenicity	
Conclusion/Summary	: There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Product name HI-TEMP 900 CURE

# **SECTION 11: Toxicological information**

Name	Category	Route of exposure	Target organs
Solvent naphtha (petroleum), heavy arom.	Category 3	-	Narcotic effects
Specific target organ toxicity (repeated exposure)	1		
Name	Category	Route of	Target organs

Name		Route of exposure	Target organs
crystalline silica, respirable powder (<10 microns)	Category 1	inhalation	-
naphthalene	Category 2	-	-

Target organs

: Contains material which causes damage to the following organs: liver, spleen, brain, bone marrow.

Contains material which may cause damage to the following organs: kidneys, lungs, gastrointestinal tract, upper respiratory tract, immune system, skin, eyes, central nervous system (CNS).

### **Aspiration hazard**

Name	Result
Solvent naphtha (petroleum), heavy arom.	ASPIRATION HAZARD - Category 1

Information on the likely rout	es of exposure
Potential acute health effect	2
Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes severe burns. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: May be harmful if swallowed. Corrosive to the digestive tract. Causes burns.
Over-exposure signs/sympto	oms
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur
Ingestion	: Adverse symptoms may include the following: stomach pains
Delayed and immediate effect	ts and also chronic effects from short and long term exposure
Conclusion/Summary	: There are no data available on the mixture itself. This product either contains formaldehyde or is capable of releasing formaldehyde above 0.5 ppm under certain conditions. Formaldehyde is a known cancer hazard, a skin sensitizer and a respiratory sensitizer. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue,

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Product name HI-TEMP 900 CURE

# **SECTION 11: Toxicological information**

		muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. 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.
<u>Short term exposure</u>		
Potential immediate effects	:	There are no data available on the mixture itself.
Potential delayed effects	1	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 effe	ects	
General	:	Causes 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	:	May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	:	No known significant effects or critical hazards.
Reproductive toxicity	:	No known significant effects or critical hazards.
Numerical measures of toxi	citv	

#### 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)
H-TEMP 900 CURE	2239.7	5064.6	N/A	N/A	N/A
3-aminopropyltriethoxysilane	1570	4000	N/A	N/A	N/A
naphthalene	490	N/A	N/A	N/A	N/A

# **SECTION 12: Ecological information**

<u>Toxicity</u>			
Product/ingredient name	Result	Species	Exposure
Aminopropyltriethoxysilane Solvent naphtha (petroleum), heavy arom.		Fish Daphnia	96 hours 21 days

#### Persistence and degradability

Not available.

### **Bioaccumulative potential**

Product name HI-TEMP 900 CURE

### **SECTION 12: Ecological information**

Product/ingredient name	LogPow	BCF	Potential
<ul> <li>aminopropyltriethoxysilane</li> <li>Solvent naphtha (petroleum),</li> </ul>	1.7 2.8 to 6.5	3.4	Low High
heavy arom. naphthalene	3.4	85.11	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.
	water ways, utains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

# **SECTION 14: Transport information**

	<b>Mexico Classification</b>	IMDG	ΙΑΤΑ
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	II	II	II
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.	(amino-functional phenyl methyl silicone resin)	Not applicable.
	1	I	Mexico Page: 11/1:

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Product name HI-TEMP 900 CURE

### **SECTION 14: Transport information**

Product RQ (lbs)	Not applicable.	Not applicable.	Not applicable.
RQ substances	Not applicable.	Not applicable.	Not applicable.

### **Additional information**

: The marine pollutant mark is not required when transported in sizes of  $\leq$ 5 L or  $\leq$ 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

### **SECTION 15: Regulatory information**

#### <u>Mexico</u>

IMDG

Classification

Flammability : 3 Health : 3 Reactivity : 0

### International regulations

**Montreal Protocol** 

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

### **SECTION 16: Other information**

Hazardous Material Information System (U.S.A.)

Health : 3 \* Flammability : 3 Physical hazards : 0 (\*) - Chronic

### effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Date of previous issue: 10/25/2021Organization that prepared: EHSthe SDS

Product name HI-TEMP 900 CURE

### **SECTION 16: Other information**

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 = Intermediate 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)
	N/A = Not available
	SGG = Segregation Group
	UN = United Nations

### ✓ Indicates information that has changed from previously issued version.

#### Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

#### **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.