

SAFETY DATA SHEET

Date Prepared : 09/06/2017
MSDS No : PP SUPERCURE
Date Revised : 09/06/2017
Revision No : 1

PACIFIC POLYMERS Supercure Rubber

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PACIFIC POLYMERS Supercure Rubber

MANUFACTURER

ITW Polymers Sealants North America
 12271 Monarch St.
 Garden Grove, CA 92841

Product Stewardship: (714) 898-0025

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation): (800) 424-9300

COMMENTS: PACIFIC POLYMERS is a registered trademarks of Illinois Tool Works, Inc.

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Irritation, Category 2
 Carcinogenicity, Category 1B
 Reproductive Toxicity, Category 2
 Target Organ Toxicity (Single exposure), Category 3
 Target Organ Toxicity (Repeated exposure), Category 2
 Aspiration Hazard, Category 1
 Germ Cell Mutagenicity, Category 1B

Environmental:

Acute Hazards to the Aquatic Environment, Category 2
 Chronic Hazards to the Aquatic Environment, Category 2

Physical:

Flammable Liquids, Category 3

GHS LABEL



Environment



Exclamation
mark



Flame



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H226: Flammable liquid and vapour.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H336: May cause drowsiness or dizziness.
 H340: May cause genetic defects.
 H350: May cause cancer.
 H361: Suspected of damaging fertility or the unborn child.
 H373: May cause damage to organs through prolonged or repeated exposure.
 H401: Toxic to aquatic life.

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H411: Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENT(S)

Prevention:

- [201]: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233: Keep container tightly closed.
- P240: Ground and bond container and receiving equipment.
- P241: Use explosion-proof [electrical/ventilating/lighting] equipment.
- P242: Use non-sparking tools.
- P243: Take action to prevent static discharges.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.
- P264: Wash thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P285: In case of inadequate ventilation wear respiratory protection.

Response:

- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313: IF exposed or concerned: Get medical advice/ attention.
- P312: Call a POISON CENTER/doctor if you feel unwell.
- P331: Do NOT induce vomiting.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
- P362: Take off contaminated clothing.
- P370+P378: In case of fire: Use appropriate media to extinguish.
- P391: Collect spillage.

Storage:

- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P403+P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.

Disposal:

- P501: Dispose of contents/container according to local, regional, national, and international regulations.

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: WARNING! Combustible liquid and vapor. Vapors may cause flash fire. Harmful or fatal if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation such as redness, tearing, and itching.

SKIN: May cause skin irritation upon contact. May be harmful by skin absorption.

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INGESTION: Harmful. May cause irritation of the mouth, pharynx, esophagus, and stomach.

INHALATION: Inhalation may cause coughing, headache, nausea, irritation to mucous membrane and upper respiratory tract on excessive exposure.

MEDICAL CONDITIONS AGGRAVATED: Prolonged and repeated exposure may result in respiratory irritation, central nervous system depression, and skin irritation (rashes, itching, etc.).

ROUTES OF ENTRY: Eye and Skin Contact, Inhalation and Ingestion

IRRITANCY: Eye and skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Aromatic Hydrocarbons	< 50	64742-95-6
Diethylmethylbenzenediamine	< 30	68479-98-1
1,2,4-Trimethylbenzene	< 25	95-63-6
Xylenes (o-,m-,p- Isomers)	< 2.5	1330-20-7
Cumene	< 1	98-82-8

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of tempered water (at least 15-20 minutes) lifting upper and lower eye lids occasionally. Get immediate medical attention.

SKIN: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

INGESTION: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes eye irritation.

SKIN: Contact causes skin irritation.

INGESTION: Ingestion of this material can cause mouth, throat, esophageal, and gastrointestinal tract irritation.

INHALATION: Respiratory tract irritation.

CHRONIC EFFECTS: A two year feeding study in rats showed the polyamine to cause effects in the pancreas, lever, thyroid, and eyes. An increase in the number of tumors in the liver and thyroid of make rats and in the liver and possibly mammary gland of female rats was found.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Class II

GENERAL HAZARD: Combustible Liquid.

EXTINGUISHING MEDIA: Use chemical foam, carbon dioxide, or dry chemicals. Water spray the containers to cool them down.

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EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flash point.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus with pressure-demand, full face piece SCBA (MSHA/NIOSH approved or equivalent) and full protective gear. Use water to cool containers exposed to fire.

SENSITIVE TO STATIC DISCHARGE: Not Applicable

SENSITIVITY TO IMPACT: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous fumes in fires, oxides of nitrogen.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed, thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up.

LARGE SPILL: Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Ventilate the area by natural means or by explosion proof mechanical means (i.e. fans). Know and prepare for spill response before using or handling this product. Eliminate all ignition sources (flames, hot surfaces, portable heaters and sources of electrical, static, or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools and appropriate PPE. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation).

HANDLING: Follow all SDS/label precautions even after container is emptied because they may retain product residues. Containers should be tightly closed to prevent contamination with foreign materials and moisture. Open containers should be used within a day or two to prevent the product from skinning. Employee education and training in the safe handling of this product are required under the Federal OSHA Hazard Communication Standard. Avoid contact of liquid with eyes and prolonged skin exposure.

STORAGE: Keep container closed when not in use. Store in a dry, well ventilated area, out of the sun and away from ignition sources. Do not remove or deface label. Prevent water or moist air from entering container.

SHELF LIFE: 1 year from manufacture date

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
Aromatic Hydrocarbons	OSHA PEL	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
Diethylmethylenediamine	OSHA PEL	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
1,2,4-Trimethylbenzene	OSHA PEL	TWA	25 ppm	125 mg/m ³
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	25 ppm	123 mg/m ³
		STEL	NL [1]	NL [1]
Xylenes (o-,m-,p- Isomers)	OSHA PEL	TWA	100 ppm	435 mg/m ³
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	100 ppm	434 mg/m ³
		STEL	150 ppm	651 mg/m ³
Cumene	OSHA PEL	TWA	50 ppm	245 mg/m ³
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	50 ppm	246 mg/m ³
		STEL	NL [1]	NL [1]

Footnotes:

1. NL = Not Listed

ENGINEERING CONTROLS: Provide sufficient explosion proof mechanical (general and/or local exhaust) ventilation to maintain exposure below the occupational exposure limit and exposure concentration. Use only in a well ventilated area. Ground and bond all equipment.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields, goggles, or a full-face shield. Do not wear contact lenses.

SKIN: Wear chemical resistant gloves such as nitrile, neoprene or butyl rubber. Wear chemical protective clothing & boots to prevent repeated or prolonged skin contact.

RESPIRATORY: Where vapor concentrations exceed or are likely to exceed the occupational exposure limits, a

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NIOSH approved continuous flow supplied air respirator, hood or helmet is recommended. A NIOSH approved self-contained positive pressure breathing apparatus with full face piece is required for spills and/or emergencies.

WORK HYGIENIC PRACTICES: Use good hygiene practices when handling this material. Wash hands thoroughly after use.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Amine-like mild odor

COLOR: Yellowish to dark amber

pH: Not Determined

PERCENT VOLATILE: 75.0

FLASHPOINT AND METHOD: (115°F) to (120°F) Pensky-Martens CC

FLAMMABLE LIMITS: 0.7 % to 6.0 %

Notes: (aromatic naphtha solvent)

AUTOIGNITION TEMPERATURE: Not Applicable

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: > 1 (Air=1)

BOILING POINT: (300°F) to (335°F)

FREEZING POINT: Not Determined

MELTING POINT: Not Determined

POUR POINT: Not Determined

SOLUBILITY IN WATER: Insoluble

PARTITION COEFFICIENT: N-OCTANOL/WATER: Not Determined

EVAPORATION RATE: < 1.0 (n-Butyl Acetate=1)

DENSITY: 7.59 lbs/gal

PARTICLE SIZE: Not Determined

SPECIFIC GRAVITY: 0.91

VISCOSITY #1: 100 cps at 23.9°C (75.0°F)

MOLECULAR WEIGHT: Not Determined

(VOC): 824 gr/L EPA Method 24 VOC

OXIDIZING PROPERTIES: Not Determined

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

STABILITY: Stable.

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CONDITIONS TO AVOID: Avoid exposure to high temperature. Avoid heat, sparks and flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, nitrogen oxide, isocyanate vapors and mist, traces of HCN.

INCOMPATIBLE MATERIALS: Humidity, water, strong oxidizing agents, combustible materials

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Aromatic Hydrocarbons	No data	No data	No data
Diethylmethylenediamine	738 mg/kg (rats)	> 2000 mg/kg (rat)	No data
1,2,4-Trimethylbenzene	5000 mg/kg (rats)	No data	18000 mg/cub m (4-hr dose - rat)
Xylenes (o-,m-,p- Isomers)	4300 mg/kg	2000 mg/kg	26800 ppm
Cumene	2260 mg/kg (rats)	No data	No data

SERIOUS EYE DAMAGE/IRRITATION: Mild to moderate eyes and skin irritation.

CARCINOGENICITY

Chemical Name	IARC Status
Xylenes (o-,m-,p- Isomers)	3
Cumene	2B

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This product contains components that may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

ECOTOXICOLOGICAL INFORMATION: Contains components that are potentially toxic to freshwater and saltwater ecosystems.

BIOACCUMULATION/ACCUMULATION: Contains components with the potential to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Non-Regulated Material per 49 CFR 173.150(f)

AIR (ICAO/IATA)

SHIPPING NAME: Paint

UN/NA NUMBER: 1263

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PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: III

LABEL: FLAMMABLE LIQUID

VESSEL (IMO/IMDG)

SHIPPING NAME: Paint

UN/NA NUMBER: 1263

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: III

LABEL: FLAMMABLE LIQUID

COMMENTS: *This product cannot be sold in the South Coast Air Quality Management District (SCAQMD), California, USA.*

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
1,2,4-Trimethylbenzene	< 25	95-63-6
Xylenes (o-,m-,p- Isomers)	< 2.5	1330-20-7

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Xylenes (o-,m-,p- Isomers)	< 2.5	100
Cumene	< 1	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS	TSCA SECTION
Aromatic Hydrocarbons	64742-95-6	
Diethylmethybenzenediamine	68479-98-1	
1,2,4-Trimethylbenzene	95-63-6	
Xylenes (o-,m-,p- Isomers)	1330-20-7	8a, 8d, 12b,
Cumene	98-82-8	

CLEAN AIR ACT

Chemical Name	Wt.%	CAS
Xylenes (o-,m-,p- Isomers)	< 2.5	1330-20-7

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STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
1,2,4-Trimethylbenzene	Illinois Right to Know List Minnesota Right to Know List New Jersey Right to Know List Pennsylvania Right to Know List Rhode Island Right to Know List
Xylenes (o-,m-,p- Isomers)	New Jersey Right to Know List Pennsylvania Right to Know List Massachusetts Toxic Use Reduction Act (TURA) Reportable Chemical Illinois Right to Know List Minnesota Right to Know List Rhode Island Right to Know List
Cumene	Massachusetts Right to Know List Pennsylvania Right to Know List Minnesota Right to Know List Illinois Right to Know List Minnesota Right to Know List Rhode Island Right to Know List

CALIFORNIA PROPOSITION 65

Chemical Name	Wt.%	Listed
Cumene	< 1	Cancer

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

Combustible
Liquid

16. OTHER INFORMATION

Date Revised: 09/06/2017

INFORMATION CONTACT: (714) 898-0025

REVISION SUMMARY: This MSDS replaces the 04/14/2015 MSDS. Revised: **Section 1:** Date Issued.

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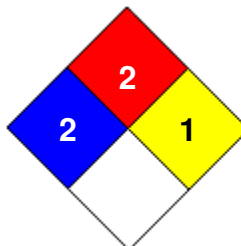
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HMIS RATING

HEALTH	*	2
FLAMMABILITY		2
PHYSICAL HAZARD		1
PERSONAL PROTECTION		B

NFPA CODES



GENERAL STATEMENTS: Keep out of reach of children
 For professional or industrial use only

MANUFACTURER DISCLAIMER: This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his/her evaluation of the product's hazards and safety precautions to be taken in its use. The data in this SDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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