

SAFETY DATA SHEET

Date Prepared : 09/06/2017
 MSDS No : PP EPP-WB- A
 Date Revised : 09/06/2017
 Revision No : 1

PACIFIC POLYMERS Elasto-Poxy Primer (Waterbase) Component A

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PACIFIC POLYMERS Elasto-Poxy Primer (Waterbase) Component A

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 and Elasto-Poxy are a registered trademarks of Illinois Tool Works, Inc.

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Skin Corrosion, Category 2
 Eye Irritation, Category 2B
 Skin Sensitization, Category 1

GHS LABEL



Exclamation
 mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315: Causes skin irritation.
 H320: Causes eye irritation.
 H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENT(S)

Prevention:

[201]: Obtain special instructions before use.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P312: Call a POISON CENTER/doctor if you feel unwell.
 P363: Wash contaminated clothing before reuse.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

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Storage:

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

Disposal:

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

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION! May cause eye, skin, nose and throat irritation.

POTENTIAL HEALTH EFFECTS

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

SKIN: May cause mild skin irritation. Symptoms of irritation may be reddening, itching and swelling. Repeated or prolonged skin contact may result in allergic dermatitis.

INGESTION: Single dose oral toxicity is low. It is not considered a common occupational route of exposure.

INHALATION: May cause irritation to the nose, throat and respiratory tract.

MEDICAL CONDITIONS AGGRAVATED: Skin disorders and allergies

IRRITANCY: Eye and skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Biphenol A Based Epoxy Resin	> 75	25085-99-8
Alkyl Glycidyl Ether	< 25	68609-97-2

4. FIRST AID MEASURES

EYES: Flush eye with tempered water for 15 minutes lifting upper and lower eye lids occasionally. If irritation persists, contact a physician.

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

INGESTION: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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: Can cause redness, itching, and burning of the skin. Repeated or prolonged contact can result in dermatitis.

INGESTION: Not likely route of entry. May cause nausea and vomiting if ingested.

INHALATION: Respiratory tract irritation. Inhalation of vapors from heated material may cause serious irritation. Coughing and chest pain may result.

ACUTE EFFECTS: Irritant to the eyes, skin and respiratory tract.

CHRONIC EFFECTS: Prolonged or repeated exposure may cause allergic reaction/sensitization. Adverse skin effects such as rash, irritation or corrosion.

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5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Class IIIB

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, or fog.

HAZARDOUS COMBUSTION PRODUCTS: May generate toxic or irritating combustion products.

EXPLOSION HAZARDS: No known unusual hazards in a fire/explosion situation.

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.

SENSITIVITY TO IMPACT: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, aldehydes, acids, and other organic substances may be formed during combustion or elevated (greater than 500 F) temperature degradation.

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. 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 appropriate 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. Know and prepare for spill response before using or handling this product. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled containers for disposal. Use appropriate PPE. Place absorbent diking materials in covered 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 and out of the sun.

STORAGE TEMPERATURE: 15.6°C (60°F) Minimum to 29.4°C (85°F) Maximum

SHELF LIFE: 12 months from date of manufacture when stored below 80 F (26.7 C)

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
Biphenol A Based Epoxy Resin	OSHA PEL	TWA	NL ^[1]	NL ^[1]
		STEL	NL ^[1]	NL ^[1]
	ACGIH TLV	TWA	NL ^[1]	NL ^[1]
		STEL	NL ^[1]	NL ^[1]
Alkyl Glycidyl Ether	OSHA PEL	TWA	NL ^[1]	NL ^[1]
		STEL	NL ^[1]	NL ^[1]
	ACGIH TLV	TWA	NL ^[1]	NL ^[1]
		STEL	NL ^[1]	NL ^[1]
Footnotes:				
1. NL = Not Listed				

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields, goggles or full-face shield as required by 29 CFR 1910.133 - OSHA Eye and Face Protection Standard. A suitable emergency eye wash station and safety shower should be located near the work station.

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 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.

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: Chemical resistant gloves and normal work clothing (long sleeved shirt and long pants).

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: Mild Epoxy Odor

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COLOR: Clear to Straw Yellow

pH: Not Determined

PERCENT VOLATILE: 51.0

Notes: +/- 2% by weight

FLASHPOINT AND METHOD: > 93.3°C (200°F)

FLAMMABLE LIMITS: Not Available to Not Available

AUTOIGNITION TEMPERATURE: Not Determined

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

BOILING POINT: 207°C (405°F)

FREEZING POINT: Not Determined

MELTING POINT: Not Determined

POUR POINT: Not Determined

THERMAL DECOMPOSITION: No data

SOLUBILITY IN WATER: None

DENSITY: 9.171 lbs/gallon

SPECIFIC GRAVITY: 1.1

VISCOSITY: Not Determined

(VOC): 67 EPA Method 24 VOC

OXIDIZING PROPERTIES: Not Determined

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

STABILITY: Stable under normal storage and application conditions.

CONDITIONS TO AVOID: Avoid unintended contact with amines.

POSSIBILITY OF HAZARDOUS REACTIONS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products depend upon temperature, air supply and the presence of other materials. Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide and water.

INCOMPATIBLE MATERIALS: Avoid contact with oxidizing materials, acids and bases. Avoid unintended contact with amines.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Biphenol A Based Epoxy Resin	11400 mg/kg (rats)	> 20 ml/kg (rabbit)	No data
Alkyl Glycidyl Ether	19200 mg/kg (rats)	> 4500 mg/kg (rabbits)	No data

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

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: No information for bioaccumulation is available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Consult with your state and local hazardous waste requirements or guidelines to ensure compliance. Arrange disposal in accordance with EPA, state and local requirements.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Biphenol A Based Epoxy Resin	25085-99-8
Alkyl Glycidyl Ether	68609-97-2

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic

16. OTHER INFORMATION

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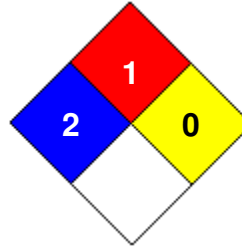
INFORMATION CONTACT: (714) 898-0025

REVISION SUMMARY: This MSDS replaces the 03/31/2015 MSDS. Revised: **Section 1:** Date Issued.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
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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