

SAFETY DATA SHEET



Date Issued: 01/22/2010

MSDS No: Z-Poxy Finishing Resin - A (resin)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT DESCRIPTION: Z-Poxy Finishing Resin - A (resin) - PT40

MANUFACTURER

Pacer Technology
 9420 Santa Anita Avenue
 Rancho Cucamonga CA 91730-6117
Emergency Contact: CHEMTREC
Product Stewardship: 800-424-9300
Alternate Emergency Phone: 703-527-3887
Service Number: 909-987-0550
Alternate Customer Service: 800-538-3091

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Content
Bisphenol A/Epichlorohydrin based epoxy resin	25085-99-8	xxx-xxx-x	75 - 100
2,3-EPOXYPROPYL O-TOLYL ETHER	2210-79-9	218-645-3	10 - 30

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"Xn" - Harmful

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Transparent liquid.

IMMEDIATE CONCERNS: Irritating to eyes/skin. May cause skin sensitization.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: May cause skin irritation.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing eye and skin disorders or lung allergies may be aggravated by exposure.

ROUTES OF ENTRY: Inhalation, ingestion and skin absorption are major routes of entry.

SENSITIZATION: May cause sensitization.

WARNING CAUTION LABELS: Harmful. Keep out of Reach of Children.

COMMENTS: Contains epoxy constituents. See information supplied by the manufacturer.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Irritation occurs upon direct contact. Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if systems persist.

INGESTION: S46: If swallowed, seek medical advice immediately and show this container or label.

SAFETY DATA SHEET



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INHALATION: Remove to fresh air. Get medical attention if breathing is difficult.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, dry chemicals.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: During combustion or elevated temperatures (>260 C) may form carbon monoxide, aldehydes, acids and other unidentified organic substances.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Pick up wash liquid with additional absorbent and place in a disposable container.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

7. HANDLING AND STORAGE

HANDLING: Avoid direct contact with eyes and prolonged contact with skin. Wash hands with soap and water after use.

STORAGE: Do not exceed 250 F (121 C) in use. Use in well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: S38: In case of insufficient ventilation, wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: Wash hands with soap and water after use. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT AND METHOD: 252°C to 458.6°C Pensky-Martens CC

FLAMMABLE LIMITS: Not Established

PHYSICAL STATE: Liquid

ODOR: Epoxy odor.

COLOR: Clear, transparent.

VAPOR PRESSURE: Not Applicable.

VAPOR DENSITY: (Air=1)

Notes: Not Applicable.

BOILING POINT: Not Established

SAFETY DATA SHEET

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MELTING POINT: Not Established

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: 1.140 (water=1)

VISCOSITY #1: 1500 Centipoise

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

HAZARDOUS DECOMPOSITION PRODUCTS: The by products expected in incomplete pyrolysis or combustion of epoxy resins are mainly phenolics, carbon monoxide and water.

INCOMPATIBLE MATERIALS: Strong acids and alkalis, reactive metals and strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

NOTES: May cause eye irritation, skin irritation and irritation of respiratory tract.

CHRONIC: R68: Possible risk of irreversible effects.

SENSITIZATION: R43: May cause sensitization by skin contact.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Prevent product from entering drains or sewers in case of spill.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of following all Local Authority requirements for disposal.

14. TRANSPORT INFORMATION

AIR (ICAO/IATA)

SHIPPING NAME: Not restricted

VESSEL (IMO/IMDG)

SHIPPING NAME: Not restricted

15. REGULATORY INFORMATION

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



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16. OTHER INFORMATION

APPROVED BY: Mary Robles **TITLE:** Regulatory Affairs Manager

REVISION SUMMARY: New MSDS

MANUFACTURER DISCLAIMER:

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