

MATERIAL SAFETY DATA SHEET

IDENTITY: EP-75 Part A

Date of Preparation: 10/1/2004

SECTION I - Material and Manufacturer Identification

Manufacturer's Name & Address

Coastal Enterprises Company
P.O. Box 4875
Orange, CA 92863-4875

Emergency Telephone Numbers:

Transportation Emergencies: Call CHEMTREC
(800) 424-9300 (202) 483-7616 (Collect) from
Alaska & Hawaii

For Information:
(800) 845-0745

Health Emergencies: Call LOS ANGELES
POISON INFORMATION CENTER (24 hrs.)
(800) 356-3129

Product Name: EP-75 Epoxy Bonding Adhesive (Catalyst) Part A

Chemical Names: Bisphenol

SECTION II - Hazardous Ingredients

Hazardous Components	OSHA PEL	ACGIH TLV	%
Bisphenol-A based Epoxy Resin CAS # 25036-25-3	None	None	35-40
Alkyl (C8-C10) Glycidyl Ether CAS # 68609-96-1	None	None	1-5
Epichlorohydrin 90-72-2	2*	28	<5 PPM

* Potential contribution to overall exposure is possible via skin absorption.

Health 2	Reactivity 0	Flammability 1
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SECTION III - Physical/Chemical Characteristics

VAPOR DENSITY (Air=1) No Data	BOILING POINT N/A	SPECIFIC GRAVITY 1.7
VAPOR PRESSURE < 1.0		
APPEARANCE/ODOR Blue paste with faint Epoxy odor.	SOLUBILITY IN WATER Practically insoluble	MELTING POINT (F) N/A

SECTION IV - Fire and Explosion Hazard Data

FLASH POINT

> 212 F PMCC

FLAMMABLE LIMITS

No Data

EXTINGUISHING MEDIA

Carbon Dioxide, dry chemical, foam alcohol-resistant foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may rupture when exposed to extreme heat (due to pressure buildup)

SPECIAL FIRE FIGHTING PROCEDURES

Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists. Contain water runoff for later disposal.

SECTION V - Reactivity Data

Stability:	Stable
Conditions to Avoid:	Not applicable
Hazardous Polymerization:	Will not occur
Materials to Avoid:	Containment with strong acids, bases, amines, and mercaptans can cause polymerization.
Hazardous Decomposition Products:	Fumes produced when heated to decomposition may include: Carbon monoxide, phenolics, hydrogen chloride and water.

SECTION VI - Health Hazard Data

Ingestion:	Single dose oral toxicity is low. Larger amounts may result in injury.
Inhalation:	Heating can generate vapors that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.
Skin Absorption:	May cause moderate skin injury (reddening & swelling) sensitizer-may cause allergic skin reaction which can be severe in some individuals. Repeated exposure may cause skin burns.
Chronic:	Epichlorohydrin has been reported to produce cancer in lab animals and epidemiological studies present "weak" evidence of cancer risk to humans. Epichlorohydrin is listed in the IARC monographs and by NTP.

SECTION VII - Precautions For Safe Handling and Use

SPILLAGE OR RELEASE:

If material is spilled: If material is spilled: dike spill. Absorb with inert material and collect for disposal. Flush with water. Prevent washings from entering waterways.

WASTE DISPOSAL METHOD:

Send to a licensed recycler, reclaimer, or incinerator for evaluation and disposal. Always be in accordance with federal, state and local regulations.

SECTION VIII - Special Protection Information

RESPIRATORY PROTECTION

Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor/mist is likely unless levels are below applicable limits.

VENTILATION

Local exhaust-recommended, when appropriate, to control employee exposure. Mechanical – not recommended as the sole means of controlling employee exposure.

PROTECTIVE GLOVES

Impermeable Neoprene rubber gloves.

EYE PROTECTION

Chemical splash-proof goggles

OTHER PROTECTIVE EQUIPMENT

For operations where contact can occur, coveralls, apron, and rubber foot coverings are recommended. A safety shower and eyewash should be available.

SPECIAL PRECAUTIONS

1. Prevent all skin and eye contact. Wear protective clothing/gloves.
2. Avoid breathing vapors.
3. Keep containers closed when not in use. Re-seal partly used containers.
4. Ensure that all containers are properly labeled.
5. Wash with soap and water before eating, drinking, smoking, or using toilet facilities.
6. Remove all contaminated clothing, shoes, belts, and other leather goods immediately. Incinerate leather goods. Wash contaminated clothing thoroughly before reuse.
7. Solvents should not be used to clean skin because of increased penetration potentials.
8. Observe conditions of good industrial hygiene and safe working practices.

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