

# MATERIAL SAFETY DATA SHEET

**IDENTITY:** EP-76 Hardener

**Date of Preparation:** 1/1/09

## SECTION I - Material and Manufacturer Identification

**Manufacturer's Name & Address**

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

**Emergency Telephone Numbers:**

Chemtrec (800) 424-9300

**For Information:** Call (800) 845-0745

**Product Name:** EP-76 Hardener

Contains . . . . . Modified Amine  
Mixture  
Hazard Class . . . . . 8  
UN Number . . . . . 1760  
Packaging Group . . . . . III  
Hazard Label(s) . . . . . Corrosive

Proper Shipping Name: Corrosive Liquid  
N.O.S.

## SECTION II - Composition / Information on Ingredients

The precise composition of this product is privileged information. A more complete disclosure can be provided to a health, safety, or regulatory professional if required.

NO. COMPONENT	CAS. NO.	PERCENT
1. MODIFIED AMINE MIXTURE	N/A	100%

## SECTION III - Hazard Identification

NO.	CANCER	REPRO-TOX	TARGET ORGANS	ACGIH/TLV	OSHA/PEL
1	NO	NO	UNKNOWN	N.A.mg /M <sup>3</sup>	N.A.mg/M <sup>3</sup>

## SECTION IV - Regulatory Status

### A. CAL SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986

**NO. CHEMICAL NAME**

**CAS. NO. CANCER/REPRO. TOX QUANTITY**

This product may contain traces of, or other Prop. 65 listed chemicals as impurities. However, none are used as ingredients.

### B. CERCLA - 40 CFR 302.4

Releases exceeding the reportable quantity (RQ) must be reported to the National Response Center. (800) 424-8802

RQ = 100 LBS. (unlisted hazardous waste-characteristic of corrosivity)

**C OSHA - 29 CFR 302.4**

**ACCORDING TO OSHA CRITERIA THE FOLLOWING COMPONENT(S) ARE HAZARDOUS:**

1. MODIFIED AMINE MIXTURE	N/A	100%
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**D. RCRA - 40 CFR 261.33**

Product is unlisted RCRA corrosive waste

**E. SARA TITLE III - 52 CFR 13378, 52 CFR 21152**

NO. RQ (LBS.) (•1)	TPQ(LBS.) (•2)	SEC. 313 (•3)	313CAT. (•4)	311/312 (•5)
1. NONE	NOT LISTED	NOT LISTED	NONE	H1,H2

**OTHER SARA SUBSTANCE(S) IF PRESENT ARE ALL BELOW THE DE MINIMUS CONCENTRATION(S).**

- 1=Reportable quantity of extremely hazardous substance, sec. 302
  - 2=Threshold planning quantity, extremely hazardous substance, sec. 302
  - 3=Toxic chemical, sec. 313 (individual chemical listed)
  - 4=Toxic release inventory form category sec.313 (40 CFR 372.65 C)
  - 5=Hazard category for SARA SEC.. 311/312 reporting
- H1** = Immed (acute) health hazard **H2** = delayed (chronic) health hazard  
**P3** = Fire hazard **P4** = sudden pressure release hazard **P5**= reactive Haz

**F. TSCA - 44 CFR 59764**

All components listed

**G. VOC - SCAQMD RULES**

NO. CHEMICAL	QUANTITY	VP mm HG	grms/l. @20°C
1 ACRYLIC MONOMER	0.8%	13.0	8

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**SECTION V - Physical Data**

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PHYSICAL STATE ...	LIQUID
COLOR .....	AMBER
SP.GR.....	1.14
DENSITY .....	9.5 LBS./gal.

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**SECTION VI - Fire and Explosion Hazard Data**

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Flash Point: = 300°F (for product or lowest flash point ingredient)  
Flammability classification: Combustible Class (IIIB)  
Extinguishing Media: Water Fog, Dry Chemical, Carbon Dioxide, or Foam  
**Note:** Either atmosphere -supply or air-purifying respirators should be available for fire fighters (20 CFR 1910.134)

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## SECTION VII - Health Hazard Data

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### EFFECTS OF OVEREXPOSURE:

#### Acute:

- **Eyes:** Product is moderately irritating to the eyes
- **Skin:** Product is moderately irritating to the skin and may cause skin sensitization
- **inhalation:** Because of its low volatility this product is not likely to be an inhalation hazard
- **ingestion:** Product is considered to have a low order of acute oral toxicity.

#### Chronic:

- No specific hazards known to Coastal Enterprises Company. Preexisting eye, skin, or lung disorders may be aggravated by exposure to this product

### EMERGENCY AND FIRST AID PROCEDURES:

- **Eyes:** Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention.
- \* **Skin:** Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse. Contact a physician if irritation occurs.
- **Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.
- **Ingestion:** Do not induce vomiting. Give large quantities of water. Call a physician immediately. Never give anything by mouth to an unconscious person.

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## SECTION VIII - Reactivity Data

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- **Stability:**  
Stable under normal storage conditions. Unstable at elevated temperatures.
- **Incompatibility:**  
Strong oxidizing agents, strong lewis or mineral acids, and strong mineral and organic bases / especially aliphatic amines.
- **Hazardous Decomposition Products:**  
Carbon oxides, aldehydes, acids, phenols, and other unknown compounds.

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## SECTION IX - Spill or Leak Procedures

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- **If material is spilled:**  
Avoid contact with material. Persons not wearing proper protective equipment (see below) should be excluded from the area until clean up is complete. Dike area to prevent spill spreading and scoop up excess to recovery containers. Absorb remnant on noncombustible material such as clay and shovel into containers for disposal.
- **Waste disposal method:**  
Dispose of waste in accordance with federal, state, and local regulations.

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## SECTION X - Special Protection Information

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- **Respiration Protection:**  
Not normally necessary unless the material is being used in such a way as to produce dust, mist, vapor, fumes, or smoke, in which case NIOSH approved respiratory protection should be used.
- **Ventilation:**  
Should be sufficient to control any dust, mist, vapor or fumes produced by processing or handling method, breathing or vapor must be avoided.
- **Hand Protection:**  
Impervious gloves, neoprene or rubber gloves.
- **Eye Protection:**  
Splash proof goggles or safety glasses with side shields.
- **Other protective equipment:**  
Clean, body covering clothing and footwear.

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## SECTION XI - Special Precautions

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- **Avoid skin and eye contact.**
- **Avoid breathing vapor, mist or fumes.**
- **Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal.**
- **Reseal partly used containers.**
- **Wash with soap and water before eating, drinking or using toilet facilities.**
- **Store under cool, dry conditions and away from open flames and high temperatures.**
- **Observe conditions of good industrial hygiene and safe working practice.**

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The information contained herein is based on data believed by Coastal Enterprises Company to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that hazards mentioned are the only ones, which exist. Anyone intending to rely on any recommendation or to use any equipment technique or material mentioned should also satisfy himself that he could meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents, is the sole responsibility of the user.

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