



## Material Safety Data Sheet

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

C.I.M. Industries Inc.  
6900 Nelms Street  
Houston, TX 77061  
[www.chasecorp.com](http://www.chasecorp.com)

**Transportation Emergency**  
CHEMTREC: (800)424-9300  
CHEMTREC International: (703)527-3887

**Non-Transportation**  
Emergency: Call CHEMTREC  
Information: (800) 543-3458

**Product Name**  
CIM EMT Epoxy Primer Hardener, CIM Moisture Tolerant Epoxy Primer Hardener

**Issue Date**  
June 11, 2014

**Supersedes Date**  
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### SECTION 2 – HAZARD IDENTIFICATION

**Emergency Overview**

Harmful in contact with skin. Severe respiratory irritant. Severe skin irritant. Severe eye irritant. May cause sensitization by skin contact.

**Human Effects and Symptoms of Overexposure**

**Skin**

Can cause moderate skin injury (reddening and swelling). Repeated or prolonged contact can cause drying of skin and dermatitis.

**Eye**

Liquid and vapors are irritating to eyes. Can cause moderate injury to the eye.

**Ingestion**

Contains materials that may be slightly toxic. Can cause nausea and cramps.

**Inhalation**

Causes irritation of nasal passages and throat. Causes nausea and dizziness.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous Components**

CAS Number	Material	Weight %
Proprietary	Polyamine	70-80
Proprietary	Aliphatic amines	10-20
90-72-2	2,4,6-Tri-(dimethylaminomethyl)phenol	5-15
100-51-6	Benzyl alcohol	10-30

**SECTION 4 – FIRST AID MEASURES****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Flush eyes for at least 15 minutes with running water. If irritation persists, see a Physician.

**Skin Contact**

Flush with water while removing contaminated clothing. Wash skin with soap and water.

**Inhalation**

Remove victim to fresh air and provide oxygen if breathing is difficult.

**Ingestion**

If appreciable quantities are ingested, contact a physician immediately. Do not induce vomiting. If vomiting occurs spontaneously keep head below hips to prevent aspiration into lungs, which may be fatal.

**SECTION 5 – FIREFIGHTING MEASURES****Suitable Extinguishing Media**

Foam, Carbon Dioxide or dry chemical for small fires; aqueous foam or water for large fires.

**Special Firefighting Procedures**

Wear self-contained breathing apparatus for firefighting if necessary.

**Unusual Fire/Explosion Hazard**

Hazardous decomposition products formed under fire conditions. - Carbon oxides

**SECTION 6 – ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear protective clothing. Use self-contained breathing apparatus if required.

**Environmental Precautions**

Avoid discharge to drains, sewers and natural water supply.

### Methods and materials for containment and cleaning up

Absorb with inert material. Remove sources of ignition. Scoop material with non-sparking tools. Flush area with water. Prevent washings from entering waterways.

## SECTION 7 – HANDLING AND STORAGE

### Storage Temperature

40-100°F (4-38°C)

### Storage Period

Store in a cool dry place. Do not allow the product to freeze.

### Handling/Storage Precautions

Avoid breathing vapors and/or aerosols. Avoid contact with eyes. Use only in well-ventilated areas. Use personal protective equipment. When using, do not eat, drink or smoke.

Do not store in reactive metal containers.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

2,4,6-Trimethylaminomethylphenol      19mg/m<sup>3</sup> (PEL-TWA)\*    5 ppm (TLV-TWA)\*

### Industrial Hygiene/Ventilation Measures

Work in well ventilated areas. All application areas should be ventilated in accordance with OSHA Regulation 29 CFR 1910. Local exhaust must be provided to keep LEL and TLV-PEL of the hazardous ingredients below acceptable limits of exposure.

### Respiratory Protection

The use of respiratory protection depends on the vapor concentration above the TLVPEL. Use a NIOSH/MSHA approved cartridge-type particulate/vapor respirator or air-supplied mask in confined areas.

### Hand Protection

Appropriate protective gloves should be used. Rinse and remove gloves immediately after use, and wash hand thoroughly with soap and water. Gloves should be removed and replaced immediately if there are any signs of degradation or breakthrough.

### Eye Protection

Splash proof chemical goggles are recommended. If spraying, utilize protective facemask.

### Skin and Body Protection

Wear protective clothing and boots impervious to the product for the duration of the anticipated exposure if there is a potential for skin contact. Discard any contaminated clothing.

### Additional Protective Measures

Employees should wash their hands before eating, drinking or using tobacco products. Educate and train employees in the safe use and handling of this product.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid
<b>Color</b>	Brown
<b>Odor</b>	Amine
<b>pH</b>	No data available

<b>Viscosity</b>	500 cps
<b>Boiling Point</b>	>200°C
<b>Flash Point</b>	>100°C
<b>Specific Gravity</b>	1.01
<b>Solubility in Water</b>	Insignificant
<b>Autoignition Temperature</b>	>450°C
<b>Percent Solids (weight)</b>	>97% when mixed with resin
<b>VOC</b>	36 g/L when mixed with resin

## SECTION 10 – STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Hazardous Polymerization

Will not occur.

### Materials to Avoid

Contact with strong oxidizing, acidic or alkaline agents.

### Conditions to Avoid

Excessive Heat.

### Hazardous Decomposition Products

Material does not decompose at normal working conditions. By fire and thermal decomposition: carbon oxides, hazardous decomposition products due to incomplete combustion.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Toxicity Note

No data is available for this product

CAS Number	Material	DERMAL LD50	INHALATION LC50	ORAL LD50
Proprietary	Polyamine	Not Established	Not Established	Not Established
Proprietary	Aliphatic amines	Not Established	Not Established	Not Established
90-72-2	2,4,6-Trimethylaminomethylphenol	2mg/24 Hour (Rabbit) - SEVERE	> 0.5 mg/l/hour (Rat)	1,200 mg/kg (Rat)
100-51-6	Benzyl alcohol	2,000 mg/kg (Rat)	Not Available	1,230 mg/kg (Rat)

CAS Number	Material	Carcinogenicity OSHA/IARC	Teratogenicity	Mutagenicity
Proprietary	Polyamine	Not Available	Not Available	Not Available
Proprietary	Aliphatic amines	Not Available	Not Available	Not Available
90-72-2	2,4,6-Trimethylaminomethylphenol	Not Available	Not Available	Not Available
100-51-6	Benzyl alcohol	Not Available	Not Available	Not Available

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecological Note

No data is available for this product

**Ecological Data for Benzyl Alcohol**  
**Acute and Prolonged Toxicity to Fish**  
LC50: 770mg/l (Fathead Minnow, 48h)

## SECTION 13 – DISPOSAL CONSIDERATIONS

### Waste Disposal Method

Controlled incineration or burial in an approved landfill. Disposal should be made in accordance with Federal, State and Local regulations.

## SECTION 14 – TRANSPORT INFORMATION

### Land Transport (DOT)

UN number: 2735

Class: 8

Packing Group:III

Proper Shipping Name: Amines, liquid, Corrosive, n.o.s.

## SECTION 15 – REGULATORY INFORMATION

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

Phenol

### Massachusetts Right To Know Components

Benzyl Alcohol

### Pennsylvania Right To Know Components

Benzyl Alcohol

### New Jersey Right To Know Components

Benzyl Alcohol

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### HMIS Labeling

Health	3
Flammability	1
Physical Hazard	0

0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe

## NFPA Rating

<b>Health</b>	<b>3</b>
<b>Fire</b>	<b>1</b>
<b>Reactivity Hazard</b>	<b>0</b>

0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe

## SECTION 16 – OTHER INFORMATION

### Format

This form is designed to meet the guidelines provided by the American National Standards Institute (ANSI) Form Z400.1/Z129.1 – 2010.

### Disclaimer

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### Issued By

Dan Libby