



## 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 Resin, CIM Moisture Tolerant Epoxy Primer Resin

**Issue Date**  
June 11, 2014

**Supersedes Date**  
na

### SECTION 2 – HAZARD IDENTIFICATION

**Emergency Overview**

**OSHA Hazards**

Irritant

**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 %
25068-38-6	Bisphenol-A/Epichlorohydrin based epoxy resin	25-45
28064-14-4	Bisphenol-F/Epichlorohydrin based epoxy resin	5-15
Proprietary	Aliphatic epoxy resin	Proprietary
21645-51-2	Hydrated alumina*	10-40

\* As supplied, this ingredient is bound in the epoxy matrix. Because it is bound in the matrix, it is not expected to create any unusual hazards when handled and processed according to good manufacturing and industrial hygiene practices and the guidelines provided in this MSDS.

**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

Ventilate work area sufficiently. Keep containers closed. Avoid contact with eyes, skin and clothing.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Amorphous Silica      10mg/m<sup>3</sup> (PEL-TWA)\*    10mg/ m<sup>3</sup> (TLV-TWA)\*

\* These guidelines are established based on testing as a dust. As a part of the epoxy this material is bound within the resin matrix and would not be easily made airborne.

### 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>	Off White
<b>Odor</b>	Mild, Aromatic
<b>pH</b>	No data available
<b>Viscosity</b>	12,000 cps
<b>Boiling Point</b>	>200°C
<b>Flash Point</b>	>300°C
<b>Specific Gravity</b>	1.55
<b>Solubility in Water</b>	Insignificant
<b>Autoignition Temperature</b>	>450°C
<b>Percent Solids (weight)</b>	>97% when mixed with hardener
<b>VOC</b>	36 g/L when mixed with hardener

## 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
25068-38-6	Bisphenol-A/Epichlorohydrin based epoxy resin	>4,000 mg/kg (Rat)	Moderate (Rabbit)	>5,000 mg/kg (Rat)
28064-14-4	Bisphenol-F/Epichlorohydrin based epoxy resin	Not Available	Not Available	Not Available
Proprietary	Aliphatic epoxy resin	Not Available	Not Available	Not Available
21645-51-2	Hydrated alumina	Not Available	Not Available	Not Available

CAS Number	Material	Carcinogenicity OSHA/IARC	Teratogenicity	Mutagenicity
25068-38-6	Bisphenol-A/Epichlorohydrin based epoxy resin	No	Observed in Animals	Not Available
28064-14-4	Bisphenol-F/Epichlorohydrin based epoxy resin	Not Available	Not Available	Not Available
Proprietary	Aliphatic epoxy resin	Not Available	Not Available	Not Available
21645-51-2	Hydrated alumina	No	No	No

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecological Note

No data is available for this product

### Ecological Data for Bisphenol-A/Epichlorohydrin based epoxy resin

#### Acute and Prolonged Toxicity to Fish

LC50: 1.5mg/l (Rainbow Trout, 96h)

#### Acute Toxicity to Aquatic Invertebrates

EC50: 3.6 mg/l (Water flea, 24h)

### Biodegradation

12%

## 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)

Not Regulated

### Sea Transport (IMDG)

Not Regulated

### Air Transport (ICAO/IATA)

Not Regulated

## SECTION 15 – REGULATORY INFORMATION

### OSHA Hazards

Irritant

### SARA 302 Components

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

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

### Massachusetts Right To Know Components

### Pennsylvania Right To Know Components

### New Jersey Right To Know Components

### 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	2
Flammability	1
Physical Hazard	0

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

### NFPA Rating

Health	2
Fire	1
Reactivity Hazard	0

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

Information herein is given in good faith and is, to the best of our knowledge and belief, accurate and reliable. However, since information herein was obtained, in part, from independent suppliers not under the direction and supervision of Chase Corporation, Chase Corporation makes no warranty or representation, express or implied, that the information is accurate, reliable, complete or representative. Chase Corporation warrants only that it has made no effort to censor other than trade secret information or to conceal deleterious aspects of its products. The data shown above in no way modifies, amends, or enlarges any specification or warranty.

### Issued By

Dan Libby