SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

C.I.M. Industries Inc.
6900 Nelms Street
Houston, TX 77061
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

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Material</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>25068-38-6</td>
<td>Bisphenol-A/Epichlorohydrin based epoxy resin</td>
<td>25-45</td>
</tr>
<tr>
<td>28064-14-4</td>
<td>Bisphenol-F/Epichlorohydrin based epoxy resin</td>
<td>5-15</td>
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<tr>
<td>Proprietary</td>
<td>Aliphatic epoxy resin</td>
<td>Proprietary</td>
</tr>
<tr>
<td>21645-51-2</td>
<td>Hydrated alumina*</td>
<td>10-40</td>
</tr>
</tbody>
</table>

* 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/m³ (PEL-TWA)* 10mg/ m³ (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

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

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Material Description</th>
<th>DERMAL LD50</th>
<th>INHALATION LC50</th>
<th>ORAL LD50</th>
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<tbody>
<tr>
<td>25068-38-6</td>
<td>Bisphenol-A/Epichlorohydrin based epoxy resin</td>
<td>&gt;4,000 mg/kg (Rat)</td>
<td>Moderate (Rabbit)</td>
<td>&gt;5,000 mg/kg (Rat)</td>
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<tr>
<td>28064-14-4</td>
<td>Bisphenol-F/Epichlorohydrin based epoxy resin</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td>Proprietary Aliphatic epoxy resin</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>21645-51-2</td>
<td>Hydrated alumina</td>
<td>Not Available</td>
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<td>Not Available</td>
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<td>CAS Number</td>
<td>Material</td>
<td>Carcinogenicity</td>
<td>Teratogenicity</td>
<td>Mutagenicity</td>
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<tr>
<td>25068-38-6</td>
<td>Bisphenol-A/Epichlorohydrin based epoxy resin</td>
<td>No</td>
<td>Observed in Animals</td>
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<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Component</th>
<th>Rating</th>
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<tbody>
<tr>
<td>Health</td>
<td>2</td>
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<tr>
<td>Flammability</td>
<td>1</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
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</tbody>
</table>

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

NFPA Rating

<table>
<thead>
<tr>
<th>Component</th>
<th>Rating</th>
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<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Fire</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>0</td>
</tr>
</tbody>
</table>

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.

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Issued By
Dan Libby