1.1 PRODUCT IDENTIFIER

Product Name: EBM-Lite™ Premium Epoxy Bonding Mortar – 100% Solids Part B
Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Epoxy Mortar

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

Name/Address: Custom Building Products
Five Concourse Parkway, Suite 1900
Atlanta, GA 30328
Telephone Number: 1-(800)-272-8786

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: INFOTRAC 1-800-535-5053 (US and Canada)
INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200 (OSHA HAZCOM2012)

Acute Toxicity – Oral Category 4
Skin Corrosion Category 1B
Serious Eye Damage Category 1
Skin Sensitization Category 1
Specific Target Organ Toxicity – Single Exposure Category 3

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD: DANGER!

2.2b HAZARD STATEMENTS
Harmful if swallowed
Causes severe skin burns and eye damage
Causes serious eye damage
May cause an allergic skin reaction
May cause respiratory irritation
2.2c HAZARD PICTOGRAMS

2.2d PRECAUTIONARY STATEMENTS

| i. PREVENTION | Wash hands thoroughly after handling. Do not breathe vapors/mists/spray. Do not eat, drink or smoke while using this product. Contaminated work clothing must not be allowed out of the workplace. Do not handle until all safety precautions have been read and understood. Wear impervious gloves/protective clothing/eye protection. |
| ii. RESPONSE | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. |
| iii. STORAGE | Store locked up. Store in a well-ventilated place. Keep container tightly closed. |
| iv. DISPOSAL | Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations. |

2.3 ADDITIONAL INFORMATION

2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED
Not Applicable

2.3b UNKNOWN ACUTE TOXICITY
0% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tofa, reaction products with TEPA</td>
<td>68953-36-6</td>
<td>60 – 80%*</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>2855-13-2</td>
<td>15 – 40%*</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>112-57-2</td>
<td>7 – 13%*</td>
</tr>
</tbody>
</table>

*Means that the component will fall into one of the ranges specified due to batch-to-batch variability and to protect Confidential Business Information.
Section 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST-AID MEASURES

<table>
<thead>
<tr>
<th>ROUTES OF EXPOSURE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact:</td>
<td>In case of contact, immediately flush eyes with plenty of water for several minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.</td>
</tr>
<tr>
<td>Skin Contact:</td>
<td>In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.</td>
</tr>
</tbody>
</table>

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

<table>
<thead>
<tr>
<th>ROUTES OF EXPOSURE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact:</td>
<td>Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.</td>
</tr>
<tr>
<td>Skin Contact:</td>
<td>Causes severe skin burns. Handling can cause dry skin, discomfort, irritation, and dermatitis.</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>May cause respiratory tract irritation.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>Harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.</td>
</tr>
</tbody>
</table>

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note to Physicians: Symptoms may not appear immediately.
Specific Treatments: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY
Flammability: Not Flammable/Not Combustible by WHMIS/OSHA HAZCOM2012 Criteria

5.2 EXTINGUISHING MEDIA
5.2a. Suitable Extinguishing Media: Treat for surrounding material.
5.2b. Unsuitable Extinguishing Media:
Not Available

5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

5.3a. Products of Combustion:
May include, and are not limited to: oxides of carbon and oxides of nitrogen.

5.3b. Explosion Data
i. Sensitivity to Mechanical Impact:
Not Available

ii. Sensitivity to Static Discharge:
Not Available

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS
Keep upwind of fire. Wear full fire fighting turn-out gear (full bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES
Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment: Recover all usable material. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up: Soak up spilt material using absorbent media and sweep up. Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Use in well-ventilated areas. Wear impervious gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe vapors/mist/spray. Do not take internally.

General Hygiene Advice: Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETER

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Occupational Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
</tr>
<tr>
<td>-----------------------------</td>
</tr>
<tr>
<td>Tofa, reaction products with TEPA</td>
</tr>
<tr>
<td>Isophorone diamine</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
</tr>
</tbody>
</table>

8.2 EXPOSURE CONTROLS

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

8.3 INDIVIDUAL PROTECTION MEASURES

8.3a. Personal Protective Equipment:

i. **Eye/Face Protection**: Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]

ii. **Skin Protection**:

1. **Hand Protection**: Wear impervious gloves, such as nitrile.
2. **Body Protection**: Wear suitable protective clothing.

iii. **Respiratory Protection**: A NIOSH approved respirator or filtering face piece, such as N95, is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA’s respirator standard (29 CFR 1910.134) and ANSI’s standard for respiratory protection (Z88.2).

iv. **General Health and Safety Measures**: Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance (physical state, color, etc.)**: Amber Liquid
- **Odor**: Amine
- **Odor Threshold**: Not Available
- **pH**: 11.0 – 12.0
- **Melting point/Freezing point**: Not Available
- **Initial boiling point and boiling range**: >212°F(>100°C)
- **Flash point**: >200°F(>93.3°C)
Section 10: STABILITY AND REACTIVITY

10.1. REACTIVITY
No dangerous reaction known under conditions of normal use.

10.2. CHEMICAL STABILITY
Stable under normal storage conditions. Keep dry in storage.

10.3. POSSIBILITY OF HAZARDOUS REACTION
No dangerous reaction known under conditions of normal use.

10.4. CONDITIONS TO AVOID
Heat. Incompatible materials.

10.5. INCOMPATIBLE MATERIALS
Strong acids. Strong Oxidizers.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS
Upon decomposition, this product may yield oxides of carbon and oxides of nitrogen.

Section 11: TOXICOLOGICAL INFORMATION

11.1. LIKELY ROUTES OF EXPOSURE:
Skin contact, eye contact, inhalation, and ingestion.

11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

Eye Contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin Contact: Causes severe skin burns. Handling can cause dry skin, discomfort, irritation, and dermatitis.

Inhalation: May cause respiratory tract irritation.

Ingestion: Harmful if swallowed. Ingestion may cause discomfort and/or
distress, nausea or vomiting.

### Acute Toxicity (ATE$_{\text{mix}} = 1,708 \, \text{mg/kg}$)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tofa, reaction products with TEPA</td>
<td>Not Available</td>
<td>Oral: &gt;2,000 mg/kg, rat</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>Not Available</td>
<td>Oral: 1,030 mg/kg, rat</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>Not Available</td>
<td>Oral: &gt;2,000 mg/kg, rat</td>
</tr>
</tbody>
</table>

### Carcinogenicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tofa, reaction products with TEPA</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

### 11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

#### SHORT-TERM

- **Skin Corrosion/Irritation:** Causes severe skin burns
- **Serious Eye Damage/Irritation:** Causes serious eye damage
- **Respiratory Sensitization:** Not Classified
- **Skin Sensitization:** May cause an allergic skin reaction
- **STOT-Single Exposure:** May cause respiratory irritation
- **Aspiration Hazard:** Not Classified

#### LONG-TERM

- **Carcinogenicity:** Not Classified
- **Germ Cell Mutagenicity:** Not Classified
- **Reproductive Toxicity:** Not Classified
- **STOT-Repeated Exposure:** Not Classified
- **Synergistic/Antagonistic Effects:** Not Classified

### Section 12: ECOLOGICAL INFORMATION

#### 12.1. ECOTOXICITY

May cause long-term adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC50/NOEC-48 Hours</th>
<th>LC50/NOEC-96 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tofa, reaction products with TEPA</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>23 mg/L, Daphnia magna</td>
<td>110 mg/L, Leuciscus idus</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

#### 12.2. PERSISTENCE AND DEGRADABILITY

Not Available

#### 12.3. BIOACCUMULATIVE POTENTIAL

Not Available

#### 12.4. MOBILITY IN SOIL

Not Available
12.5. OTHER ADVERSE EFFECTS
Not Available

Section 13: DISPOSAL CONSIDERATIONS

13.1. DISPOSAL METHOD
Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

13.2. OTHER DISPOSAL CONSIDERATIONS
Not Available

Section 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT (U.S.)</th>
<th>TDG (CANADA)</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN NUMBER:</td>
<td>UN NUMBER:</td>
<td>UN NUMBER:</td>
</tr>
<tr>
<td>UN2735</td>
<td>UN2735</td>
<td>UN2735</td>
</tr>
<tr>
<td>UN PROPER SHIPPING NAME:</td>
<td>UN PROPER SHIPPING NAME:</td>
<td>UN PROPER SHIPPING NAME:</td>
</tr>
<tr>
<td>TRANSPORT HAZARD CLASS (ES):</td>
<td>TRANSPORT HAZARD CLASS (ES):</td>
<td>TRANSPORT HAZARD CLASS (ES):</td>
</tr>
<tr>
<td>Class 8</td>
<td>Class 8</td>
<td>Class 8</td>
</tr>
<tr>
<td>PACKING GROUP (if applicable):</td>
<td>PACKING GROUP (if applicable):</td>
<td>PACKING GROUP (if applicable):</td>
</tr>
<tr>
<td>III</td>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td>Limited Quantity Exception &lt;=5L</td>
<td>Limited Quantity Exception &lt;=5L</td>
<td>Limited Quantity Exception &lt;=1L</td>
</tr>
</tbody>
</table>

SUMMARY: Product IS regulated under DOT/TDG and other transportation regulations.

14.1. ENVIRONMENTAL HAZARDS
Not Available

14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE
Not Available

14.3. SPECIAL PRECAUTIONS FOR USER
Do not handle until all safety precautions have been read and understood.

Section 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL
Canada: This product has been classified in accordance with the hazard criteria of the
Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.


### 15.2. US FEDERAL INFORMATION:

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>SECTION 302 (EHS) TQP (LBS)</th>
<th>SECTION 304 EHS RQ (LBS)</th>
<th>CERCLA RQ (LBS)</th>
<th>SECTION 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tofa, reaction products with TEPA</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

### 15.3. US STATE RIGHT TO KNOW LAWS:

**California Proposition 65:**
This product does **NOT** contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Other U.S. States “Right to Know” Lists:**
- Tofa, reaction products with TEPA: **CAS#68953-36-6**
- Isophorone diamine: **CAS#2855-13-2**
- Tetraethylenepentamine: **CAS#112-57-2**

### 15.4. GLOBAL INVENTORIES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>USA TSCA</th>
<th>Canada DSL/NDSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tofa, reaction products with TEPA</td>
<td>Yes</td>
<td>DSL</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>Yes</td>
<td>DSL</td>
</tr>
<tr>
<td>Tetraethylenepentamine</td>
<td>Yes</td>
<td>DSL</td>
</tr>
</tbody>
</table>
15.5. NFPA AND HMIS RATINGS:

15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

<table>
<thead>
<tr>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP65</td>
<td>California Proposition 65</td>
</tr>
<tr>
<td>OSHA (O)</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>ACGIH (G)</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td></td>
<td>- A1 – Confirmed human carcinogen</td>
</tr>
<tr>
<td></td>
<td>- A2 – Suspected human carcinogen</td>
</tr>
<tr>
<td></td>
<td>- A3 – Animal carcinogen</td>
</tr>
<tr>
<td></td>
<td>- A4 – Not classifiable as a human carcinogen</td>
</tr>
<tr>
<td></td>
<td>- A5 – Not suspected a human carcinogen</td>
</tr>
<tr>
<td>IARC (I)</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td></td>
<td>- 1 – The agent (mixture) is carcinogenic to humans</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

- 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program
- 1 – Known to be carcinogens
- 2 – Reasonably anticipated to be carcinogens

Section 16: OTHER INFORMATION

Date of Preparation: May 29, 2013
Version: 3.0
Revision Date: July 23, 2019

Disclaimer: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by: Custom Building Products
Phone: (800)-272-8786
www.custombuildingproducts.com

End of Safety Data Sheet