1. **PRODUCT IDENTIFICATION**

TRADE NAME (as labeled): Mortar Primer EP & Mortar EP Part A

CHEMICAL FAMILY: Epoxy Resin

MANUFACTURER’S/ DISTRIBUTOR’S NAME: LATICRETE South East Asia Pte Ltd
38 Sungei Kadut,
Street 2 (Level2 A3),
Singapore 729245.

Phone number for additional information: (65) 6515 3028

Date prepared or revised: 09/12/2016

2. **HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>CHEMICAL NAMES</th>
<th>CAS NUMBERS</th>
<th>PERCENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER (SPECIFY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol-A type epoxy resin</td>
<td>25068-38-6</td>
<td>80-85</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>C₁₂-C₁₄ aliphatic glycidyl ether</td>
<td>68609-97-2</td>
<td>15-20</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A = Not applicable or available

3. **HEALTH HAZARD INFORMATION**

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects): None Known

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

- **Inhaled**: May cause irritation of respiratory tract.
- **Contact with skin or eyes**: Minor transient irritation for eye contact. No corneal injury likely. May cause allergic skin reaction. Prolonged exposure not likely to cause skin irritation. Skin sensitizer
- **Absorbed through skin**: Not likely to absorb through skin in toxic amount in a single
Prolonged exposure. LD 50 for skin absorption for rabbits = 20,000 mg/kg.
Swallowed: Causes gastrointestinal irritation and possible burns if swallowed

SUSPECTED CANCER AGENT?

x NO: This product's ingredients are not found in the lists below.
YES: ______ Federal OSHA ______ NTP ______ IARC

4. FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact: Contact will probably cause no more than irritation. Wash off in flowing water or shower. Wash clothing before reuse.

Inhaled: If inhaled, remove to fresh air. If effects occur consult a physician.

Swallowed: Do not induce vomiting. Call a physician

5. FIRE FIGHTING MEASURES

Flash Point method): 245F method used = PMCC
Auto ignition temperature, °F: N/A
Flammable limits in air, volume %: Lower (LEL) _____ Upper (UEL) _______
Fire extinguishing materials:
_____ Water spray x Carbon Dioxide _______ Other:
 x Foam x Dry Chemical

Special firefighting procedures: Wear positive pressure self-contained breathing apparatus

Unusual fire and explosion hazards: None Known
6. **ACCIDENTAL RELEASE MEASURES**

Spill response procedures (include employee protection measures): Soak up in absorbent material or scrape up. Residual can be removed with hot water and a nonionic surfactant. Wear goggles, rubber gloves, long sleeved clothing.

Preparing wastes for disposal (container types, neutralization, etc.): Burn in adequate incinerator or bury in an approved landfill.

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

7. **HANDLING AND STORAGE**

Store in cool dry area.

8. **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Ventilation and engineering controls: Good room ventilation should be adequate for most operations.

Respiratory protection (type): None normally needed

Eye protection (type): Chemical splash proof goggles, safety glasses

Gloves (specify material): Rubber or polyethylene gloves

Other clothing and equipment: clean, body-covering clothing

Work practices, hygienic practices: N/A

Other handling and storage requirements: N/A

Protective measures during maintenance of contaminated equipment: See above

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Vapor density (air=1) : N/A

Boiling point or range, °C : >200°C
Solubility in water: Insoluble
Vapor pressure, mmHg at 20°C: N/A
Viscosity at 25°C: 600-900 cP
VOC: 0.04 lb/gal.
Appearance and odor: clear liquid
Melting point or range, °F: N/A
Specific gravity: 1.10 g/cm³
Evaporation rate (butyl acetate = 1): N/A

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist): N/A

10. **STABILITY AND REACTIVITY**

Stability: x Stable  Unstable

Conditions to avoid: Excess heating over long periods of time degrades the resin

Incompatibility (materials to avoid): Bases

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). Incomplete pyrolysis or combustion results in phenolics, carbon monoxide, carbon dioxide, and water. Thermal decomposition should be traced as a potentially hazardous substance.

Hazardous polymerization: May occur  x Will not occur

Conditions to avoid: Masses of more than 1 pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.

11. **TOXICOLOGY INFORMATION**

LD 50 for skin absorption for rabbits = 20,000 mg/kg

12. **ECOLOGICAL INFORMATION**

None Known

13. **DISPOSAL CONSIDERATIONS**
Dispose in compliance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

Transport over land ADR/RID
   NOT REGULATED FOR TRANSPORT
Transport over sea IMDG
   NOT REGULATED FOR TRANSPORT
Transport by air ICAO/IATA
   NOT REGULATED FOR TRANSPORT

15. REGULATORY INFORMATION

Hazard labels : Xi   Irritant
R-phrases     : R36/38  Irritating to eyes and skin.
               : R43     May cause sensitization by skin contact
S-phases      : S26     In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
               : S28     After contact with skin, wash immediately with plenty of water and soap.
               : S37/39  wear suitable gloves and eye/face protection.

16. REGULATORY INFORMATION

This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.