SAFETY DATA SHEET

1. Identification

Product identifier          LATAPOXY SP-100 Part B
Other means of identification None.
Recommended use of the chemical and restrictions on use
  Recommended use           Grout.
  Restrictions on use       Not available.

Details of manufacturer or importer

Company name                LATICRETE International
Address                      1 Laticrete Park, N
                              Bethany, CT 06524
Telephone                    (203)-393-0010
Contact person               Steve Fine
Website                      www.laticrete.com
Emergency phone number      Call CHEMTREC day or night
                              USA/Canada - 1.800.424.9300
                              Mexico - 1.800.681.9531
                              Outside USA/Canada
                              1.703.527.3887

Supplier

Company name                LATICRETE Australia
Address                      P.O. Box 508
                              Virginia Business Mail Centre
                              29 Telford Street
                              VIRGINIA QLD 4014
                              Australia
Telephone                    (61) (7) 3865-1599
Website                      www.laticrete.com
Emergency phone number      1.703.527.3887

2. Hazard(s) identification

Classification of the hazardous chemical

  Physical hazards          Not classified.
  Health hazards            Skin corrosion/irritation            Category 2
                             Serious eye damage/eye irritation   Category 2A
                             Sensitization, skin                Category 1
  Environmental hazards     Hazardous to the aquatic environment, acute hazard
                             Hazardous to the aquatic environment, long-term hazard

Label elements, including precautionary statements

  Hazard symbol(s)

    Exclamation mark
    Environment

  Signal word               Warning
Hazard Statement(s)  
Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)  
**Prevention**  
Avoid breathing mist or vapour. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves and eye/face protection. Avoid release to the environment.

**Response**  
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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. Collect spillage.

**Storage**  
Store away from incompatible materials.

**Disposal**  
Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification  
None known.

Supplemental information  
None.

3. Composition/information on ingredients  

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Identity of chemical ingredients</th>
<th>CAS number and other unique identifiers</th>
<th>Concentration of ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers</td>
<td>25085-99-8</td>
<td>65-75</td>
</tr>
<tr>
<td></td>
<td>Bisphenol F epoxy resin</td>
<td>9003-36-5</td>
<td>10 - 15</td>
</tr>
<tr>
<td></td>
<td>Alkyl(C12-14) glycidyl ether</td>
<td>68609-97-2</td>
<td>5-10</td>
</tr>
</tbody>
</table>

Composition comments  
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures  

Description of necessary first aid measures  

**Inhalation**  
Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact**  
Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

**Eye contact**  
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion**  
Rinse mouth. Get medical attention if symptoms occur.

Personal protection for first-aid responders  
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Wash contaminated clothing before reuse.

Symptoms caused by exposure  
Rash. Irritant effects.

Medical attention and special treatment  
Provide general supportive measures and treat symptomatically.

5. Fire-fighting measures  

**Extinguishing media**  
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Suitable extinguishing media**  
Do not use water jet as an extinguisher, as this will spread the fire.

Special protective equipment and precautions for fire fighters  
During fire, gases hazardous to health may be formed.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions  
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

**Hazchem Code**  
3Z

**General fire hazards**  
No unusual fire or explosion hazards noted.
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

For emergency responders
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions
Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Environmental manager must be informed of all releases.

Methods and materials for containment and cleaning up
Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Other issues relating to spills and releases
Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS.

7. Handling and storage

Precautions for safe handling
Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Persons with epoxy allergy should not work with this product. Wear appropriate personal protective equipment. Provide adequate ventilation. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Keep container tightly closed. Store in a cool and well-ventilated place. Store away from incompatible materials (See Section 10).

8. Exposure controls and personal protection

Control parameters
Follow standard monitoring procedures.

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological exposure limits
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
No exposure standards allocated.

Appropriate engineering controls
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, for example personal protective equipment (PPE)
Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin protection
Hand protection
Wear appropriate chemical resistant gloves.

Other
Wear appropriate chemical resistant clothing.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

Hygiene measures
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance
Physical state
Liquid.
Form
Liquid.
Colour
Slightly opaque.

Odour
Not available.

Odour threshold
Not available.

pH
Not available.
Melting point/freezing point: Not available.
Initial boiling point and boiling range: Not available.
Flash point: Not available.
Evaporation rate: Not available.
Flammability (solid, gas): Not available.
Upper/lower flammability or explosive limits:
  Flammability limit - lower (%): Not available.
  Flammability limit - upper (%): Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Relative density: Not available.
Solubility(ies):
  Solubility (water): Insoluble
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.

10. Stability and reactivity
Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability: Material is stable under normal conditions.
Possibility of hazardous reactions: Masses of more than 1 pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build up.
Conditions to avoid: Excessive heat. Contact with incompatible materials.
Incompatible materials: Strong oxidising agents.
Hazardous decomposition products: At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Aldehydes.

11. Toxicological information
Information on possible routes of exposure:
  Inhalation: No adverse effects due to inhalation are expected.
  Skin contact: Irritating to skin. May cause an allergic skin reaction.
  Eye contact: Irritating to eyes.
  Ingestion: May cause discomfort if swallowed.
Symptoms related to exposure: Rash. Irritant effects.
Acute toxicity: May cause discomfort if swallowed.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol F epoxy resin (CAS 9003-36-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td></td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td></td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitisation</td>
<td></td>
<td>No data available.</td>
</tr>
<tr>
<td>Skin sensitisation</td>
<td></td>
<td>May cause an allergic skin reaction.</td>
</tr>
</tbody>
</table>
Germ cell mutagenicity  Not expected to be mutagenic.
Carcinogenicity  This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity  This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure  No data available.
Specific target organ toxicity - repeated exposure  No data available.
Aspiration hazard  No data available.
Chronic effects  Prolonged or repeated contact may cause drying, cracking, or irritation.
Other information  No other specific acute or chronic health impact noted.

12. Ecological information

Ecotoxicity  Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
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<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Leuciscus idus</td>
</tr>
<tr>
<td>Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers (CAS 25085-99-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>IC50</td>
<td>Algae</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
</tbody>
</table>

Persistence and degradability  No data is available on the degradability of this product.
Bioaccumulative potential  No data available for this product.
Mobility in soil  Not available.
Other adverse effects  No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal methods  Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Residual waste  Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging  Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

ADG  Read safety instructions, SDS and emergency procedures before handling.
**15. Regulatory information**

**Safety, health and environmental regulations**

National regulations

This Safety Data Sheet was prepared in accordance with the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals.

*High Volume Industrial Chemicals (HVIC)*

Not listed.

*Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)*

Not listed.

*National Pollutant Inventory (NPI) substance reporting list*

Not listed.

*Prohibited Carcinogenic Substances*

Not regulated.

*Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)*

Not listed.

*Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)*

Not listed.
Restricted Carcinogenic Substances
Not regulated.

International regulations
Stockholm Convention
Not applicable.
Rotterdam Convention
Not applicable.
Kyoto protocol
Not applicable.
Montreal Protocol
Not applicable.
Basel Convention
Not applicable.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
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</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates this product complies with the inventory requirements administered by the governing country(s).
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Issue date 18-May-2016
Revision date 19-October-2016

References
HSDB® - Hazardous Substances Data Bank
Registry of Toxic Effects of Chemical Substances (RTECS)

Disclaimer
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