1. Identification

Product identifier | LATICRETE Spectralock Pro Premium Part A
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 1B
| Serious eye damage/eye irritation Category 1
| Sensitization, skin Category 1
Environmental hazards | Hazardous to the aquatic environment, acute hazard Category 3
| Hazardous to the aquatic environment, long-term hazard Category 3

Label elements, including precautionary statements

Hazard symbol(s)

Signal word | Danger
Hazard statement(s) Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

Precautionary statement(s) Prevention Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Response IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage Store locked up.

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

Other hazards which do not result in classification Not classified.

Supplemental information Not applicable.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Identity of chemical ingredients</th>
<th>CAS number and other unique identifiers</th>
<th>Concentration of ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly{oxy(methyl-1,2-ethanediyl)}.alpha.-{2-aminomethylethyl}-.omega.-{2-aminomethyleneoxy}</td>
<td>9046-10-0</td>
<td>1 - 4</td>
</tr>
<tr>
<td>Tetraethylene pentamine</td>
<td>112-57-2</td>
<td>0.5 - 3</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 Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Skin contact Take off immediately all contaminated clothing. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. Get medical attention immediately.

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 immediately.

Ingestion Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues.

Personal protection for first-aid responders Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Symptoms caused by exposure Rash. Corrosive effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Medical attention and special treatment Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).

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

Specific hazards arising from the chemical Heating may cause the release of ammonia vapors.

Special protective equipment and precautions for fire fighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.

Hazchem code: 2X

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. Keep people away from and upwind of spill/leak. 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. Do not discharge into drains, water courses or onto the ground. Environmental manager must be informed of all major releases.

**Methods and materials for containment and cleaning up**
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. 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**
Do not breathe mist or vapor. Do not get in eyes, on skin, on clothing. Persons susceptible for allergic reactions should not handle this product. Use with adequate ventilation. Wear appropriate personal protective equipment. 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 limit values**
No biological exposure limits noted for the ingredient(s).

**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). Face-shield. Wear a full-face respirator, if needed.

**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.

**Color**
Yellow.

**Odor**
Ammonia.
Odor threshold: Not available.

pH: Not applicable.

Melting point/freezing point: 32 °F (0 °C)

Initial boiling point and boiling range: 212 °F (100 °C)

Flash point: Non flammable.

Evaporation rate: Not applicable.

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits:
- Flammability limit - lower (%): Not available.
- Flammability limit - upper (%): Not available.

Vapor pressure: Not applicable.

Vapor density: Not applicable.

Relative density: 1.1 g/cm³

Solubility(ies):
- Solubility (water): Soluble in water.

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: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat, flames and sparks. Contact with incompatible materials.


11. Toxicological information
Information on possible routes of exposure:
- Inhalation: May cause respiratory irritation.
- Skin contact: Causes skin burns. May cause an allergic skin reaction.
- Eye contact: Causes serious eye damage.
- Ingestion: May cause burns of the gastrointestinal tract if swallowed.

Symptoms related to exposure: Rash. Corrosive effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

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>Tetraethylene pentamine (CAS 112-57-2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal LD50 Rabbit</td>
<td>0.66 g/kg</td>
<td></td>
</tr>
<tr>
<td>Oral LD50 Rat</td>
<td>2.1 g/kg</td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/irritation: Causes serious eye damage.
Respiratory or skin sensitization
  Respiratory sensitization No data available.
  Skin sensitization May cause an allergic skin reaction.
Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity Not classified.
Specific target organ toxicity - single exposure No data available.
Specific target organ toxicity - repeated exposure No data available.
Aspiration hazard Not classified.
Chronic effects No data available.
Other information No other specific acute or chronic health impact noted.

12. Ecological information
Ecotoxicity Harmful to aquatic life with long lasting effects.
Components | Species | Test Results
--- | --- | ---
Poly(oxy(methyl-1,2-ethanediyl)], .alpha.-{(2-aminomethylethyl)}-..omega.-{(2-aminomethylethoxy)}- (CAS 9046-10-0) | Aquatic | Chronic
  Algae | NOEC | Algae | 0.32 mg/l, 72 hours
Persistence and degradability No data is available on the degradability of this product.
Bioaccumulative potential No data available for this product.
  Partition coefficient
  n-octanol / water (log Kow)
  Tetraethylene pentamine (CAS 112-57-2) | 1.503
Mobility in soil The product is soluble in water.
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
  UN number 3267
  UN proper shipping name CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Poly{oxy(methyl-1,2-ethanediyl}], .alpha.-{(2-aminomethylethyl)}-..omega.-{(2-aminomethylethoxy)}-, Tetraethylene pentamine)
  Transport hazard class(es)
    Class 8
    Subsidiary risk -
    Packing group III
    Environmental hazards No
    Hazchem code 2X
  Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
RID
UN number: 3267
UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Poly[oxy(methyl-1,2-ethanediyl)], \(\alpha\)-(2-aminomethyl)-\(\omega\)-(2-aminomethylethoxy)-, Tetraethylene pentamine)
Transport hazard class(es)
- Class: 8
- Subsidiary risk: -
- Label(s): 8
- Packing group: III
- Environmental hazards: No
- Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

IATA
UN number: 3267
UN proper shipping name: Corrosive liquid, basic, organic, n.o.s. (Poly[oxy(methyl-1,2-ethanediyl)], \(\alpha\)-(2-aminomethyl)-\(\omega\)-(2-aminomethylethoxy)-, Tetraethylene pentamine)
Transport hazard class(es)
- Class: 8
- Subsidiary risk: -
- Label(s): 8
- Packing group: III
- Environmental hazards: No
- ERG Code: 8L
- Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

IMDG
UN number: 3267
UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Poly[oxy(methyl-1,2-ethanediyl)], \(\alpha\)-(2-aminomethyl)-\(\omega\)-(2-aminomethylethoxy)-, Tetraethylene pentamine)
Transport hazard class(es)
- Class: 8
- Subsidiary risk: -
- Label(s): 8
- Packing group: III
- Environmental hazards: Marine pollutant: No
- Marine pollutant: No
- Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: This substance/mixture is not intended to be transported in bulk.
- General information: IATA classification is not relevant as the material is not transported by air.

15. Regulatory information
Safety, health and environmental regulations
National regulations: This Safety Data Sheet was prepared in accordance with the Australia National Code of Practice for the Preparation of Material Safety Data Sheets (NOHSC: 2011.)
- High Volume Industrial Chemicals (HVIC): Not listed.
- National Pollutant Inventory (NPI) substance reporting list: Not listed.
- Prohibited Carcinogenic Substances: Not regulated.
- 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 (NDSSL)</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>Yes</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>
<td>Yes</td>
</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        21-June-2016
Revision date     -

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

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