1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite PL Marine Fast Cure
IDH number: 2016891

Product type: Joint sealant, polymer silan-modified

Restriction of Use: None identified

Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Region: United States

Contact information:
Telephone: +1 (860) 571-5100
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS

<table>
<thead>
<tr>
<th>HAZARD CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN SENSITIZATION</td>
</tr>
</tbody>
</table>

PICTOGRAM(S)

Precautionary Statements

Prevention: Avoid breathing vapors, mist, or spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

Storage: Not prescribed

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.


See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>CAS Number</th>
<th>Percentage*</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-3-(Trimethoxysilyl)propyl)ethylenediamine</td>
<td>1760-24-3</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.
4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**Skin contact:** Wash with soap and water. If skin irritation persists, call a physician. Wipe off paste with paper towel or cloth.

**Eye contact:** Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. If symptoms develop and persist, get medical attention.

**Ingestion:** Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

**Symptoms:** See Section 11.

5. FIRE FIGHTING MEASURES

**Extinguishing media:** carbon dioxide, foam, powder, water spray jet, fine water spray

**Special firefighting procedures:** Wear protective equipment. Wear self-contained breathing apparatus.

**Unusual fire or explosion hazards:** None identified.

**Hazardous combustion products:** Carbon monoxide. Carbon dioxide. Hydrogen sulfide. Sulphur oxides

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Clean-up methods:** Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Store in a partly filled, closed container until disposal. Spilled material will solidify. Scrape up as much material as possible. Maintain good ventilation for large spills.

7. HANDLING AND STORAGE

**Handling:** Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation. Avoid contact with eyes, skin and clothing. Keep out of the reach of children. Use only with adequate ventilation. Protect from moisture.

**Storage:** For safe storage, store between -20 °C (-4°F) and 50 °C (122°F) in a cool, dry area. Avoid moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-(3-(Trimethoxysilyl)propyl)ethylenediamine</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>
Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: Liquid
- Color: white
- Odor: Slightly, minty
- Odor threshold: Not available.
- pH: Not available.
- Vapor pressure: < 1 mbar
- Boiling point/ range: Not available.
- Melting point/ range: Not applicable
- Specific gravity: 1.41 at 20 °C (68°F)
- Vapor density: Heavier than air.
- Flash point: Not applicable
- Flammable/Explosive limits - lower: Not available.
- Flammable/Explosive limits - upper: Not available.
- Autoignition temperature: Not applicable
- Evaporation rate: Not applicable
- Solubility in water: Insoluble
- Partition coefficient (n-octanol/water): Not available.
- VOC content: 1 %; 14.14 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method)
- Viscosity: 1,400,000 cp
- Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

- Stability: Stable under normal conditions of storage and use.
- Hazardous reactions: Will not occur.
- Hazardous decomposition products: In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) are released.
- Incompatible materials: None known
- Reactivity: Not available.
- Conditions to avoid: None known.

11. TOXICOLOGICAL INFORMATION

- Relevant routes of exposure: Skin contact, Eye contact
Potential Health Effects/Symptoms

**Inhalation:** Not a relevant route of exposure.

**Skin contact:** Prolonged or repeated contact with uncured sealant may cause skin irritation. May cause skin sensitization.

**Eye contact:** Direct contact may cause temporary redness and discomfort.

**Ingestion:** Not expected under normal conditions of use.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>LD50s and LC50s</th>
<th>Immediate and Delayed Health Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-(3-(Trimethoxysilyl)propyl)ethylenediamine</td>
<td>None</td>
<td>Irritant, Allergen</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-(3-(Trimethoxysilyl)propyl)ethylenediamine</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

**Hazardous waste number:** It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24.

### 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

**U.S. Department of Transportation Ground (49 CFR)**

- **Proper shipping name:** Not regulated
- **Hazard class or division:** None
- **Identification number:** None
- **Packing group:** None

**International Air Transportation (ICAO/IATA)**

- **Proper shipping name:** Not regulated
- **Hazard class or division:** None
- **Identification number:** None
- **Packing group:** None

**Water Transportation (IMO/IMDG)**

- **Proper shipping name:** Not regulated
- **Hazard class or division:** None
- **Identification number:** None
- **Packing group:** None
15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis
CERCLA/SARA Section 311/312: Immediate Health
CERCLA/SARA Section 313: None above reporting de minimis

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: First issue.

Prepared by: Mary Ellen Roddy, Sr. Regulatory Affairs Specialist
Issue date: 04/22/2015

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