



Revision Number: 002.0

Issue date: 02/11/2014

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Loctite® PL300® Foamboard Construction Adhesive  
**Product type:** Water based adhesive  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067  
**IDH number:** 1421941  
**Region:** United States  
**Contact information:**  
 Telephone: 800.624.7767  
 Transportation Emergency Telephone: 800.424.9300

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

|                        |               |                             |                    |
|------------------------|---------------|-----------------------------|--------------------|
| <b>Physical state:</b> | pasty         | <b>HEALTH:</b>              | 1                  |
| <b>Color:</b>          | Blue          | <b>FLAMMABILITY:</b>        | 0                  |
| <b>Odor:</b>           | Mild, acrylic | <b>PHYSICAL HAZARD:</b>     | 0                  |
|                        |               | <b>Personal Protection:</b> | See MSDS Section 8 |

**CAUTION:** MAY CAUSE EYE AND SKIN IRRITATION.

**Relevant routes of exposure:** Skin contact

**Potential Health Effects**

**Inhalation:** Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release.  
**Skin contact:** May cause slight irritation to skin.  
**Eye contact:** May cause slight irritation to eyes on contact.  
**Ingestion:** Not expected to be harmful by ingestion. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

**Existing conditions aggravated by exposure:** None known

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Hazardous components | CAS NUMBER | %       |
|----------------------|------------|---------|
| Limestone            | 1317-65-3  | 30 - 60 |
| Quartz (SiO2)        | 14808-60-7 | 0.1 - 1 |

**4. FIRST AID MEASURES**

**Inhalation:** No specific treatment is necessary since material is not likely to be hazardous by inhalation.  
**Skin contact:** Wash affected area immediately with soap and water.  
**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If symptoms develop and persist, get medical attention.

**Ingestion:** Consult a physician if necessary.

## 5. FIRE FIGHTING MEASURES

**Flash point:** not applicable

**Autoignition temperature:** Not available.

**Flammable/Explosive limits - lower:** Not available.

**Flammable/Explosive limits - upper:** Not available.

**Extinguishing media:** Carbon dioxide, foam, powder Water fog.

**Special firefighting procedures:** Use water spray to keep fire exposed containers cool and disperse vapors.

**Unusual fire or explosion hazards:** Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen.

## 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:** Not available.

**Clean-up methods:** Absorb spill with inert material. Shovel material into appropriate container for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Avoid prolonged or repeated skin contact with this material. Keep out of the reach of children.

**Storage:** For safe storage, store at or above 0 °C (32°F)  
Keep from freezing. Store in a cool, dry area. Keep containers closed when not in use.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 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.

| Hazardous components       | ACGIH TLV                               | OSHA PEL   | AIHA WEEL | OTHER |
|----------------------------|---|--|-----------|-------|
| Limestone                  | 10 mg/m3 TWA<br>Total dust.             | 5 mg/m3 PEL<br>Respirable fraction.<br>15 mg/m3 PEL<br>Total dust.                           | None      | None  |
| Quartz (SiO <sub>2</sub> ) | 0.025 mg/m3 TWA<br>Respirable fraction. | 2.4 MPPCF TWA<br>Respirable.<br>0.1 mg/m3 TWA<br>Respirable.<br>0.3 mg/m3 TWA<br>Total dust. | None      | None  |

**Engineering controls:** Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:** No personal respiratory protective equipment normally required.

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

**Skin protection:** Suitable protective clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** pasty  
**Color:** Blue  
**Odor:** Mild, acrylic  
**Odor threshold:** Not available.  
**pH:** 7.00 - 7.50  
**Vapor pressure:** 15.0000000 mm hg (20.0 °C (68°F))  
**Boiling point/range:** 100 °C (212°F)  
**Melting point/ range:** Not available.  
**Specific gravity:** 1.224  
**Vapor density:** Heavier than air  
**Flash point:** not applicable  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not available.  
**Evaporation rate:** < 0.6 (Butyl acetate = 1)  
**Solubility in water:** Soluble  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** < 1 %; 33 g/l (calculated)  
**Viscosity:** 280,000.00 - 380,000.00 mPa.s

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen.

**Incompatible materials:** None

**Conditions to avoid:** Heat. Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

| Hazardous components       | NTP Carcinogen                | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|----------------------------|-------------------------------|-----------------|--|
| Limestone                  | No                            | No              | No                                       |
| Quartz (SiO <sub>2</sub> ) | Known To Be Human Carcinogen. | Group 1         | No                                       |

| Hazardous components       | Health Effects/Target Organs                          |
|----------------------------|---|
| Limestone                  | Nuisance dust   |
| Quartz (SiO <sub>2</sub> ) | Immune system, Lung, Some evidence of carcinogenicity |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

|  |  |
|--|--|
| <b>Recommended method of disposal:</b> | Dispose of according to Federal, State and local governmental regulations.   |
| <b>Hazardous waste number:</b>         | 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

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

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### International Air Transportation (ICAO/IATA)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### Water Transportation (IMO/IMDG)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

## 15. REGULATORY INFORMATION

### United States Regulatory Information

|   |   |
|---|---|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.   |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis   |
| <b>CERCLA/SARA Section 302 EHS:</b>     | Ethylene oxide (CAS# 75-21-8).<br>None above reporting de minimis   |
| <b>CERCLA/SARA Section 311/312:</b>     | Immediate Health, Delayed Health  |
| <b>CERCLA/SARA Section 313:</b>         | None above reporting de minimis<br>None above reporting de minimis  |
| <b>California Proposition 65:</b>       | This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer. |

### Canada Regulatory Information

|                             |   |
|-----------------------------|---|
| <b>CEPA DSL/NDL Status:</b> | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
|-----------------------------|---|

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** Corrected information in Section(s): 3, 8, 9

**Prepared by:** Mary Ellen Roddy, Sr. Regulatory Affairs Specialist

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.