



Revision Number: 001.1

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LOC PSS 10.0OZ SIL SLN CLR 12CC  
**Product type:** Silicone  
**IDH number:** 1508974  
**Item number:** 1508974  
**Region:** United States  
**Company address:**  
 Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067  
**Contact information:**  
 Telephone: 800.624.7767  
 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

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

|                        |             |                             |                    |
|------------------------|-------------|-----------------------------|--------------------|
| <b>Physical state:</b> | paste       | <b>HEALTH:</b>              | *2                 |
| <b>Color:</b>          | Translucent | <b>FLAMMABILITY:</b>        | 1                  |
| <b>Odor:</b>           | Acetic acid | <b>PHYSICAL HAZARD:</b>     | 0                  |
|                        |             | <b>Personal Protection:</b> | See MSDS Section 8 |

**CAUTION:** PROLONGED OR REPEATED CONTACT WITH UNCURED SEALANT MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Eye contact, Skin contact, Inhalation

### Potential Health Effects

**Inhalation:** When heated to temperatures exceeding 300° F (150° C) in the presence of air, silicones may form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling conditions may be maintained by keeping formaldehyde vapor concentrations below the OSHA permissible limit. Acetic acid produced during cure may irritate eyes, nose and throat.

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

**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.

**Ingestion:** Not expected to be harmful by ingestion. Not expected under normal conditions of use.

**Existing conditions aggravated by exposure:** Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components                               | CAS NUMBER | %        |
|--|------------|----------|
| Triacetoxymethylsilane                             | 17689-77-9 | 1 - 5    |
| Methylsilanetriyl triacetate                       | 4253-34-3  | 1 - 5    |
| Distillates (petroleum), hydrotreated middle       | 64742-46-7 | 10 - 30  |
| Siloxanes and Silicones, di-Me, hydroxy-terminated | 70131-67-8 | 60 - 100 |
| Silicon dioxide                                    | 7631-86-9  | 10 - 30  |
| Acetic acid  | 64-19-7    | 1 - 5    |

Exposure to moisture during cure will release 1-5% acetic acid.

#### 4. FIRST AID MEASURES

|                            |  |
|----------------------------|--|
| <b>Inhalation:</b>         | Move to fresh air. If symptoms persist, seek medical advice.   |
| <b>Skin contact:</b>       | Wash with soap and water. If skin irritation persists, call a physician. Wipe off paste with paper towel or cloth. |
| <b>Eye contact:</b>        | Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.   |
| <b>Ingestion:</b>          | Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.       |
| <b>Notes to physician:</b> | Treat symptomatically.   |

#### 5. FIRE FIGHTING MEASURES

|  |  |
|--|--|
| <b>Flash point:</b>                        | > 93 °C (> 199.4 °F) Tagliabue closed cup          |
| <b>Autoignition temperature:</b>           | Not available.                                     |
| <b>Flammable/Explosive limits - lower:</b> | 4 % (acetic acid)                                  |
| <b>Flammable/Explosive limits - upper:</b> | 19.9 % (acetic acid)                               |
| <b>Extinguishing media:</b>                | Foam, dry chemical or carbon dioxide.              |
| <b>Special firefighting procedures:</b>    | None   |
| <b>Unusual fire or explosion hazards:</b>  | None   |
| <b>Hazardous combustion products:</b>      | Oxides of carbon. Formaldehyde. Oxides of silicon. |

#### 6. ACCIDENTAL RELEASE MEASURES

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

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Do not allow product to enter sewer or waterways.  |
| <b>Clean-up methods:</b>          | 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

|                  |   |
|------------------|---|
| <b>Handling:</b> | 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. Do not get in eyes. Do not get on skin or clothing. |
| <b>Storage:</b>  | Store in a dry area below 90° F. Keep container closed.   |

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                               |
|--|------------------------------------|-------------------------------|-----------|-------------------------------------|
| Triacetoxymethylsilane                             | None                               | None                          | None      | None                                |
| Methylsilanetriyl triacetate                       | None                               | None                          | None      | None                                |
| Distillates (petroleum), hydrotreated middle       | 5 mg/m3 TWA<br>Inhalable fraction. | 5 mg/m3 TWA<br>Mist.          | None      | None                                |
| Siloxanes and Silicones, di-Me, hydroxy-terminated | None                               | None                          | None      | None                                |
| Silicon dioxide                                    | 6 mg/m3 TWA                        | 20 MPPCF TWA<br>0.8 mg/m3 TWA | None      | 3 mg/m3 TWA<br>Respirable fraction. |
| Acetic acid  | 10 ppm TWA<br>15 ppm STEL          | 10 ppm (25<br>mg/m3) TWA      | None      | None                                |

**Engineering controls:** Ensure adequate ventilation, especially in confined areas.

**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:** Chemical resistant, impermeable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** paste  
**Color:** Translucent  
**Odor:** Acetic acid  
**Odor threshold:** Not available.  
**pH:** Not available.  
**Vapor pressure:** < 10 mm hg (20 °C (68°F))  
**Boiling point/range:** Not available.  
**Melting point/ range:** Not available.  
**Specific gravity:** 1.01 at 20 °C (68°F)  
**Vapor density:** Heavier than air.  
**Flash point:** > 93 °C (> 199.4 °F) Tagliabue closed cup  
**Flammable/Explosive limits - lower:** 4 % (acetic acid)  
**Flammable/Explosive limits - upper:** 19.9 % (acetic acid)  
**Autoignition temperature:** Not available.  
**Evaporation rate:** Not available.  
**Solubility in water:** Not soluble. Polymerizes in presence of water.  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** 3.08 %; 32 g/l

## 10. STABILITY AND REACTIVITY

**Stability:** Not available.

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Formaldehyde. Oxides of carbon. Oxides of silicon. Acetic acid is liberated slowly upon contact with moisture.

**Incompatible materials:** Bases. Oxidizing agents. Water Acids.

**Conditions to avoid:** Prolonged heating at temperatures above 150 °C. Exposure to moisture.

## 11. TOXICOLOGICAL INFORMATION

| Hazardous components                               | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|--|----------------|-----------------|---|
| Triacetoxylethylsilane                             | No             | No              | No  |
| Methylsilanetriyl triacetate                       | No             | No              | No  |
| Distillates (petroleum), hydrotreated middle       | No             | No              | No  |
| Siloxanes and Silicones, di-Me, hydroxy-terminated | No             | No              | No  |
| Silicon dioxide                                    | No             | No              | No  |
| Acetic acid  | No             | No              | No  |

| Hazardous components                               | Health Effects/Target Organs   |
|--|--|
| Triacetoxylethylsilane                             | No Target Organs   |
| Methylsilanetriyl triacetate                       | Irritant, Allergen   |
| Distillates (petroleum), hydrotreated middle       | Irritant   |
| Siloxanes and Silicones, di-Me, hydroxy-terminated | No Target Organs   |
| Silicon dioxide                                    | Nuisance dust  |
| Acetic acid  | Allergen, Corrosive, Eyes, Gastrointestinal, Immune system, Irritant, Kidney |

## 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. Cured rubber can be incinerated or landfilled following EPA and local regulations.

Hazardous waste number: Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

### 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 minimus

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

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

#### Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.  
WHMIS hazard class: D.2.B

### 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** Reviewed MSDS. Reissued with new date.

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