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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b> Loctite(R) 55 Pipe Sealing Cord	<b>Item No. :</b> 35082 / IDH No. 342134
<b>Product type:</b> Sealant	<b>Region:</b> United States
<b>Company address:</b> Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	<b>Contact Information:</b> Telephone: (860) 571-5100 Emergency telephone: (860) 571-5100 Internet: www.loctite.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Calcium carbonate 1317-65-3	30-60	10 mg/m <sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica)	15 mg/m <sup>3</sup> TWA total dust 5 mg/m <sup>3</sup> TWA respirable fraction	None
Polyamide 6,6 32131-17-2	30-60	None	None	None
Poly(dimethylsiloxane), hydroxy terminated 70131-67-8	10-30	None	None	None
Talc 14807-96-6	1-5	2 mg/m <sup>3</sup> TWA respirable fraction, particulate matter containing no asbestos and < 1% crystalline silica	= 20 mppcf TWA	50 ppm
Polyoxyethylene sorbitan monooleate 9005-65-6	0.1-1	None	None	None
Silica, quartz 14808-60-7	0.1-1	0.05 mg/m <sup>3</sup> TWA respirable fraction	0.1mg/m <sup>3</sup> TWA (respirable)	None
6-(1-methylcyclohexyl)-2,4-xyleneol 77-61-2	0-0.1	None	None	None
3,3''Methylenebis(5- methyloxazolidine) 66204-44-2	0-0.1	None	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Physical state:** Paste  
**Color:** Off-white Opaque  
**Odor:** Slight, Acrylic

**HMIS:**

**HEALTH:** 1\*  
**FLAMMABILITY:** 0  
**PHYSICAL HAZARD:** 0  
**Personal Protection:** See Section 8

**CAUTION:** MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Skin, Inhalation, Eyes

#### Potential Health Effects

<b>Inhalation:</b>	May cause respiratory tract irritation. Coughing. 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.
<b>Skin contact:</b>	May cause skin irritation. Redness.
<b>Eye contact:</b>	May cause irritation. Redness. Tearing.
<b>Ingestion:</b>	Not expected to be harmful by ingestion.

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

**See Section 11 for additional toxicological information.**

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
<b>Eye contact:</b>	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Keep individual calm. Obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 93°C (200°F) Closed cup
<b>Autoignition temperature:</b>	Not applicable
<b>Flammable/Explosive limits-lower %:</b>	Not applicable
<b>Flammable/Explosive limits-upper %:</b>	Not applicable
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of silicon. Carbonyl fluoride. Hydrogen fluoride. Formaldehyde. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
<b>Storage:</b>	For safe storage, store between 5°C (41°F) and 30°C (86°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
<b>Incompatible products:</b>	Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.

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

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

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

**See Section 2 for exposure limits.**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:** Paste  
**Color:** Off-white Opaque  
**Odor:** Slight, Acrylic  
**Vapor pressure:** Less than 0 mm Hg at 20°C (68°F)  
**pH:** Not applicable  
**Boiling point/range:** 150°C (302°F)  
**Melting point/range:** Not available  
**Specific gravity:** 1.25  
**Vapor density:** <1 (air equals 1)  
**Evaporation rate:** Not available  
**Solubility in water:** Partly soluble  
**Partition coefficient (n-octanol/water):** Not available  
**VOC content:** 1%; 12.75 grams/liter

**10. STABILITY AND REACTIVITY**

**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

**Hazardous decomposition products:** Oxides of carbon. Irritating organic vapors.

**Incompatibility:** Oxidizing agents. Fluorine. Ammonium salts. Heat, sunlight, UV light, contamination or an oxygen free atmosphere.

**Conditions to avoid:** See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

**11. TOXICOLOGICAL INFORMATION**

**Carcinogen Status**

<b>Hazardous components</b>	<b>NTP Carcinogen</b>	<b>IARC Carcinogen</b>	<b>OSHA Carcinogen</b>
Calcium carbonate 1317-65-3	No	No	No
Polyamide 6,6 32131-17-2	No	No	No
Poly(dimethylsiloxane), hydroxy terminated 70131-67-8	No	No	No
Talc 14807-96-6	No	No	No
Polyoxyethylene sorbitan monooleate 9005-65-6	No	No	No
Silica, quartz 14808-60-7	Known Carcinogen	Group 1	Yes
6-(1-methylcyclohexyl)-2,4-xylenol 77-61-2	No	No	No
3,3''Methylenebis(5-methyloxazolidine) 66204-44-2	No	No	No

**Literature Referenced Target Organ & Other Health Effects**

Hazardous components	Health Effects/Target Organs
Calcium carbonate 1317-65-3	Nuisance dust
Polyamide 6,6 32131-17-2	No Target Organs
Poly(dimethylsiloxane), hydroxy terminated 70131-67-8	No Target Organs
Talc 14807-96-6	Some evidence of carcinogenicity, Lung, Irritant
Polyoxyethylene sorbitan monooleate 9005-65-6	Irritant
Silica, quartz 14808-60-7	Some evidence of carcinogenicity, Lung, Immune system
6-(1-methylcyclohexyl)-2,4-xlenol 77-61-2	No data
3,3''Methylenebis(5-methyloxazolidine) 66204-44-2	No data

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**EPA hazardous waste number:** Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

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

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### International Air Transportation (ICAO/IATA):

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### WaterTransportation (IMO/IMDG):

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None  
**Marine pollutant:** 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.
<b>CERCLA/SARA Section 302 EHS:</b>	None above reporting de minimus.
<b>CERCLA/SARA Section 311/312:</b>	Immediate Health Hazard
<b>CERCLA/SARA 313:</b>	None.
<b>California Proposition 65:</b>	This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### Canada Regulatory Information

<b>CEPA DSL/NDSL Status:</b>	All components are listed on or are exempt from listing on the Domestic Substances List.
<b>WHMIS hazard class:</b>	D.2.A, D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Revised to new format.

Prepared by: Regulatory Affairs

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