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## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	<b>LOCTITE SI 5900 known as LOCTITE INSTANT GS 7OZ EN</b>	<b>IDH number:</b>	270636
<b>Product type:</b>	Silicone	<b>Item number:</b>	30507
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: (860) 571-5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	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:** CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.  
PRESSURISED CONTAINER: MAY BURST IF HEATED.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1

### PICTOGRAM(S)



### Precautionary Statements

<b>Prevention:</b>	Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.
<b>Response:</b>	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
<b>Storage:</b>	Not prescribed
<b>Disposal:</b>	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Calcium carbonate	471-34-1	30 - 60
Siloxanes and Silicones, di-Me	63148-62-9	10 - 30
Butan-2-one O,O',O"- (vinylsilyldyne)trioxime	2224-33-1	1 - 5
Octadecanoic acid	57-11-4	1 - 5
Aluminum	7429-90-5	0.1 - 1
Butan-2-one O,O',O",O'''- silanetetrayltetraoxime	34206-40-1	0.1 - 1
3-(Trimethoxysilyl)propylamine	13822-56-5	0.1 - 1
White mineral oil (petroleum), highly refined	8042-47-5	0.1 - 1

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Wipe off paste with paper towel or cloth. Wash with soap and water. If adverse health effects develop seek medical attention.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Keep individual calm. Get medical attention.
<b>Symptoms:</b>	See Section 11.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Carbon dioxide. Foam Dry chemical.
<b>Special firefighting procedures:</b>	Wear self contained breathing apparatus. Prevent inhalation of fumes and gases.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of silicon. Formaldehyde.

#### 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 material to contaminate ground water system.
<b>Clean-up methods:</b>	Maintain good ventilation for large spills. Scrape up as much material as possible. Store in a partly filled, closed container until disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not wear contact lenses.
<b>Storage:</b>	Store in a dry area below 90° F. Keep container closed.

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

## 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 Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Calcium carbonate	10 mg/m3 TWA Total dust.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
Siloxanes and Silicones, di-Me	None	None	None	None
Butan-2-one O,O',O'',O'''-(vinylsilyldiyn)trioxime	None	None	None	None
Octadecanoic acid	10 mg/m3 TWA	None	None	None
Aluminum	1 mg/m3 TWA Respirable fraction.	5 mg/m3 PEL (as Al) Respirable dust. 15 mg/m3 PEL (as Al) Total dust.	None	None
Butan-2-one O,O',O'',O'''-silanetetrayltetraoxime	None	None	None	None
3-(Trimethoxysilyl)propylamine	None	None	None	None
White mineral oil (petroleum), highly refined	5 mg/m3 TWA Inhalable fraction.	5 mg/m3 TWA mist 5 mg/m3 PEL Mist.	None	None

### Engineering controls:

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

### Respiratory protection:

Use a dust mask for particulate concentrations exceeding the Occupational Exposure Limit. Use an organic vapor respirator for concentrations exceeding the Occupational Exposure Limit.

### Eye/face protection:

Safety goggles or safety glasses with side shields. The workplace should be equipped with an emergency shower and eye-rinsing facility.

### Skin protection:

Permeation resistant gloves (butyl rubber, nitrile rubber, polyvinyl alcohol).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol, paste
Color:	Black
Odor:	Mild
Odor threshold:	Not available.
pH:	8
Vapor pressure:	< 5 mm hg (20 °C (68°F))
Boiling point/range:	Not applicable
Melting point/ range:	Not available.
Specific gravity:	1.31 at 20 °C (68°F)
Vapor density:	Heavier than air.
Flash point:	> 93 °C (> 199.4 °F) Tagliabue closed cup
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits - upper:	Not applicable
Autoignition temperature:	Not available.
Evaporation rate:	Not available.
Solubility in water:	Polymerises in presence of water.
Partition coefficient (n-octanol/water):	Not available.
VOC content:	3.31 %; 44.47 g/l
Viscosity:	Not available.
Decomposition temperature:	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Methyl ethyl ketoxime formed during cure. Oxides of carbon. Oxides of silicon. Formaldehyde.
<b>Incompatible materials:</b>	Polymerizes on contact with water.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Moisture.

## 11. TOXICOLOGICAL INFORMATION

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

### Potential Health Effects/Symptoms

<b>Inhalation:</b>	Inhalation of vapors from uncured sealant may cause respiratory tract irritation. 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>	Causes skin irritation. May cause allergic skin reaction.
<b>Eye contact:</b>	Causes serious eye irritation.
<b>Ingestion:</b>	Not expected under normal conditions of use. May be harmful if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Calcium carbonate	Oral LD50 (RAT) = 6,450 mg/kg	Nuisance dust
Siloxanes and Silicones, di-Me	None	Irritant
Butan-2-one O,O',O''-(vinylsilyldiene)trioxime	None	Irritant, Allergen
Octadecanoic acid	Oral LD50 (RAT) = 4.6 g/kg	Irritant
Aluminum	None	Central nervous system, Irritant, Lung
Butan-2-one O,O',O'',O'''-silanetetrayltetraoxime	None	Irritant, Allergen
3-(Trimethoxysilyl)propylamine	None	Irritant, Allergen
White mineral oil (petroleum), highly refined	None	Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Calcium carbonate	No	No	No
Siloxanes and Silicones, di-Me	No	No	No
Butan-2-one O,O',O''-(vinylsilyldiene)trioxime	No	No	No
Octadecanoic acid	No	No	No
Aluminum	No	No	No
Butan-2-one O,O',O'',O'''-silanetetrayltetraoxime	No	No	No
3-(Trimethoxysilyl)propylamine	No	No	No
White mineral oil (petroleum), highly refined	No	No	No

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Cured rubber can be incinerated or landfilled following EPA and local regulations.

Hazardous waste number: Not a RCRA hazardous waste.

## 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: Aerosols  
Hazard class or division: 2.2  
Identification number: UN 1950  
Packing group: None

### International Air Transportation (ICAO/IATA)

Proper shipping name: Aerosols, non-flammable  
Hazard class or division: 2.2  
Identification number: UN 1950  
Packing group: None

### Water Transportation (IMO/IMDG)

Proper shipping name: AEROSOLS  
Hazard class or division: 2.2  
Identification number: UN 1950  
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, Delayed Health

CERCLA/SARA Section 313: None above reporting de minimis

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### Canada Regulatory Information

CEPA DSL/NDL 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: New Safety Data Sheet format.

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