



Revision Date: 03/25/2004

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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Loctite(R) Silicone Lubricant Dielectric Grease  
**Product type:** Lubricant  
**Company address:**  
Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067

**Item number:** 51360  
**Region:** United States  
**Contact information:**  
Telephone: 860.571.5100  
Emergency telephone: 860.571.5100  
Internet: www.loctite.com

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Non hazardous components  
All components of this product are non-hazardous

**3. HAZARDS IDENTIFICATION**

<b>EMERGENCY OVERVIEW</b>		
<b>HMS:</b>		
<b>Physical state:</b> Liquid	<b>HEALTH:</b>	0
<b>Color:</b> Opaque	<b>FLAMMABILITY:</b>	1
<b>Odor:</b> None	<b>PHYSICAL HAZARD:</b>	1
	<b>Personal Protection:</b>	See Section 8
<b>IMPORTANT: NOT EXPECTED TO PRESENT ANY UNUSUAL HAZARDS IN NORMAL USE.</b>		

**Relevant routes of exposure:** Eye contact

Potential Health Effects

<b>Inhalation:</b>	Not a hazard under normal conditions of use
<b>Skin contact:</b>	Not expected to be a hazard.
<b>Eye contact:</b>	Direct contact may cause temporary redness and discomfort
<b>Ingestion:</b>	Not expected to be harmful by ingestion.

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

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	No specific treatment is necessary since material is not likely to be hazardous by inhalation.
<b>Skin contact:</b>	Wash with soap and water.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes.
<b>Ingestion:</b>	No first aid should be needed
<b>Notes to physician:</b>	None.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 93°C (200°F) Tagliabue closed cup
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits-lower %:</b>	Not available
<b>Flammable/Explosive limits-upper %:</b>	Not available
<b>Extinguishing media:</b>	Use dry chemical, CO2, water spray or 'alcohol' foam.
<b>Special fire fighting procedures:</b>	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Formaldehyde. Oxides of silicon.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system. Contain spill.
<b>Clean-up methods:</b>	Soak up with inert absorbent. Store in a closed container until ready for disposal. Contaminated surfaces will be extremely slippery. Final cleaning may require use of steam, solvents or detergents.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Use only with adequate ventilation. Avoid eye contact.
<b>Storage:</b>	Store in original container until ready to use.
<b>Incompatible products:</b>	Oxidizing agents.

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

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	General room ventilation is usually adequate.
<b>Respiratory protection:</b>	No personal respiratory protective equipment normally required.
<b>Skin protection:</b>	Washing at mealtime and at end of shift is adequate
<b>Eye/face protection:</b>	Safety glasses with side-shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Opaque
Odor:	None
Vapor pressure:	Less than 5 mm Hg at 26.6°C (80°F)
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	0.95
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not available
VOC content:	Essentially Zero

## 10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None under normal use
Incompatibility:	Oxidizing agents.
Conditions to avoid:	None known.

## 11. TOXICOLOGICAL INFORMATION

Product toxicity data: No experimental toxicological data on the preparation as such is available.

### Carcinogen Status

### Literature Referenced Target Organ & Other Health Effects

## 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

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**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**

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.

CERCLA/SARA Section 302 EHS:	None.
CERCLA/SARA Section 311/312:	None.
CERCLA/SARA 313:	None.

California Proposition 65:	No California Proposition 65 listed chemicals are known to be present.
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**Canada Regulatory Information**

CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class:	Non-controlled

**16. OTHER INFORMATION**

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

Prepared by: C.J. Michaels, Senior Health & Regulatory Affairs Specialist

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