



Revision Date: 09/02/2005

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Dielectric Grease
Product type: Lubricant
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 30536 / IDH No. 270640
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**

This material is not classified as hazardous under The OSHA Hazardous Communication Standard. This material is not WHMIS controlled.

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Physical state: Liquid
Color: Clear
Odor: Mild

HMIS:

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

Important NOT EXPECTED TO PRESENT ANY UNUSUAL HAZARDS IN NORMAL USE.

Relevant routes of exposure: Ingestion

Potential Health Effects**Inhalation:**

Mist or spray may cause respiratory tract irritation and delayed onset pulmonary edema. 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.

Skin contact:

Not expected to be a hazard.

Eye contact:

Not expected to cause injury. Eye contact may cause mild irritation.

Ingestion:

Not expected under normal conditions of use.

Existing conditions aggravated by exposure:

None known

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms develop and persist, get medical attention. If breathing is difficult, give oxygen. Get medical attention immediately.
Skin contact:	Wash with soap and water. Get medical attention if symptoms develop and persist.
Eye contact:	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point:	Greater than 260°C (500°F) Cleveland open cup
Autoignition temperature:	Not determined
Flammable/Explosive limits-lower %:	Not available
Flammable/Explosive limits-upper %:	Not available
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special fire fighting procedures:	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Ventilate area. Prevent product from entering drains or open waters.
Clean-up methods:	Scrape up spilled material and place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling:	Use only with adequate ventilation. Avoid contact with eyes, skin and clothing.
Storage:	Keep in a cool, well ventilated area. Keep away from heat, sparks and flame.
Incompatible products:	Not available

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).
Skin protection:	Chemical resistant, impermeable gloves.
Eye/face protection:	Chemical splash goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Clear
Odor:	Mild
Vapor pressure:	<5 mmHg at 25 °C (77 °F)
pH:	Not applicable
Boiling point/range:	Greater than 148°C (298°F)
Melting point/range:	Not available
Specific gravity:	0.86
Vapor density:	Heavier than air
Evaporation rate:	Not available
Solubility in water:	Not available
Partition coefficient (n-octanol/water):	More soluble in octanol
VOC content:	Zero

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Formaldehyde.
Incompatibility:	Strong oxidizing agents. Strong acids and strong bases.
Conditions to avoid:	Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Literature Referenced Target Organ & Other Health Effects

12. ECOLOGICAL INFORMATION

Ecological information:	Not available
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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

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 above reporting de minimus.
CERCLA/SARA Section 311/312:	Delayed Health Hazard
CERCLA/SARA 313:	This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). None.
California Proposition 65:	This product contains a chemical known to the State of California to cause cancer and 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 Domestic Substances List.
WHMIS hazard class:	Non-controlled

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 15

Prepared by: C.J. Michaels, Manager, Regulatory Affairs

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