Material Safety Data Sheet

Henkel Technologies

Revision Date: 09/02/2005 **Issue date:** 03/14/2008

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

HMIS:

Physical state:	Liquid	**HEALTH:**	1
Color:	Clear	**FLAMMABILITY:**	1
Odor:	Mild	**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 limt.

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 260ºC (500ºF) 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 ºC (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.

Incompatability: 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

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/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: 15

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

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