

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

#### HMS:

**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

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

#### 5. FIRE-FIGHTING MEASURES

|  |   |
|--|---|
| <b>Flash point:</b>                        | Greater than 260°C (500°F) Cleveland open cup   |
| <b>Autoignition temperature:</b>           | Not determined  |
| <b>Flammable/Explosive limits-lower %:</b> | Not available   |
| <b>Flammable/Explosive limits-upper %:</b> | Not available   |
| <b>Extinguishing media:</b>                | Water spray (fog), foam, dry chemical or carbon dioxide.  |
| <b>Special fire fighting procedures:</b>   | 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. |
| <b>Unusual fire or explosion hazards:</b>  | None  |
| <b>Hazardous combustion products:</b>      | Oxides of carbon.   |

#### 6. ACCIDENTAL RELEASE MEASURES

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

#### 7. HANDLING AND STORAGE

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

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

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                |  |
|--------------------------------|--|
| <b>Engineering controls:</b>   | Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.                  |
| <b>Respiratory protection:</b> | Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134). |
| <b>Skin protection:</b>        | Chemical resistant, impermeable gloves.  |
| <b>Eye/face protection:</b>    | 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 |
|-------------------------|---------------|

## 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         |

### Water Transportation (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>     | Delayed Health Hazard  |
| <b>CERCLA/SARA 313:</b>                 | 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. |
| <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>   | 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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