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  
Revision Date: 03/25/2004  
Issue date: 05/10/2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid  
Color: Opaque  
Odor: None  
HEALTH: 0  
FLAMMABILITY: 1  
PHYSICAL HAZARD: 1  
Personal Protection: See Section 8

IMPORTANT: NOT EXPECTED TO PRESENT ANY UNUSUAL HAZARDS IN NORMAL USE.

Relevant routes of exposure: Eye contact

Potential Health Effects

Inhalation: Not a hazard under normal conditions of use
Skin contact: Not expected to be a hazard.
Eye contact: Direct contact may cause temporary redness and discomfort
Ingestion: 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

Inhalation: No specific treatment is necessary since material is not likely to be hazardous by inhalation.

Skin contact: Wash with soap and water.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes.

Ingestion: No first aid should be needed

Notes to physician: None.

5. FIRE-FIGHTING MEASURES

Flash point: Greater than 93ºC (200ºF) Tagliabue closed cup

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Use dry chemical, CO2, water spray or `alcohol` foam.

Special fire fighting procedures: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Unusual fire or explosion hazards: None


6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Do not allow material to contaminate ground water system. Contain spill.

Clean-up methods: 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

Handling: Use only with adequate ventilation. Avoid eye contact.

Storage: Store in original container until ready to use.

Incompatible products: Oxidizing agents.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: General room ventilation is usually adequate.

Respiratory protection: No personal respiratory protective equipment normally required.

Skin protection: Washing at mealtime and at end of shift is adequate

Eye/face protection: 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

Item number: 51360
Product name: Loctite(R) Silicone Lubricant Dielectric Grease
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.

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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