

Material Safety Data Sheet Super Lube® Silicone Grease 85g / 3oz Tube

Date prepared: 23/03/2010

Date revised: 23/04/2012

1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name:

Super Lube® Silicone Grease

Item: Lubricant, Dielectric Compound

Company/undertaking name & address:

Klinger Ltd. The Klinger Building, Wharfedale Road,
Euroway Trading Estate, Bradford, BD4 6SG

Telephone number:

+44 (0)1274 688 222

Fax number:

+44 (0)1274 688 549

2. Composition

Components	%	ACGIH TLV	OSHA PEL	OTHER
Polydimethylsiloxane 63148-62-9	<95	None	None	None
Silane, dichlorodimethyl- reaction products with silica 68611-44-9	<9	10mg/m ³ TWA	6mg/m ³ TWA	None
Polyglycol 025322-69-4	<1	None	None	AIHA WEEL is 50 ppm Total 10mg/m ³ aerosol only

3. Hazards Identification

Physical state: Semi-solid

Color: Translucent

Odour: Mild

WHMIS hazard class: Not Hazardous

HMIS codes: Health - 1

Fire - 1

Physical - 0

WARNING:

MAY CAUSE SKIN OR EYE IRRITATION

Relevant routes of exposure:

Skin, Eyes

Potential Health Effects

Inhalation:

Not expected to cause respiratory tract irritation during normal conditions of use.

Skin contact:

Repeated or prolonged contact may be irritating to skin.

Eye contact:

Contact with eyes may cause irritation.

Ingestion:

Not expected under normal conditions of use.

**Existing conditions aggravated
by exposure:**

None generally recognized.

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4. First aid measures

Inhalation:	Inhalation not likely.
Skin contact:	After contact with skin, wash immediately with plenty of water (using soap, if available). Get medical attention if symptoms develop and persist.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention.

5. Fire fighting measures

Flash point:	>572° F (300° C) TCC
Auto ignition temperature:	Not Determined
Flammable/Explosive limits-lower %:	No Data
Flammable/Explosive limits-upper %:	No Data
Extinguishing media:	Carbon dioxide (CO2). Dry chemical. Foam.
Special fire fighting procedures:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon, silica, formaldehyde.
Sensitivity to mechanical impact:	Not Determined
Sensitivity to static discharge:	Not Determined

6. Accidental release measures

Environmental precautions:	Spilled material may make surface slippery. Do not flush to drain.
Clean-up methods:	Scrape up and dispose of in accordance with local and national regulations.

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7. Handling and storage

Handling: Good manufacturing procedures should be followed in handling and storage.

Storage: Keep in cool, dry area.

Incompatible products: Oxidizing agents.

8. Exposure Controls

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH.

Skin protection: Chemical resistant, impermeable gloves.

Eye/face protection: Safety glasses with side-shields.

9. Physical and chemical properties

Physical state:	Semi-solid
Color:	Translucent
Odor:	Mild
Odor Threshold:	Not available
Vapor pressure:	Not determined
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	0.96
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Not soluble
Partition coefficient (n-octano/water):	Not determined
VOC content:	Essentially zero

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10. Stability and reactivity

Stability:	Stable
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Thermal: dimethylcyclsiloxanes. Oxidative/Thermal: formaldehyde
Incompatibility:	Oxidizing agents.
Conditions to avoid:	None known

11. Toxicological information

Product toxicity data: Not available

Toxicologically synergistic products: Not available

Ingredient Toxicity Data & Carcinogen Status

Components	LD50s & LC50s	Other LD50s and LC50s	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen	ACGIH-Carcinogen
Polydimethyl-siloxane 63148-62-9	Oral LD50 (Rat) >5000 mg/kg	Dermal LD50 (Rat) >2000 mg/kg	No	No	No	No
Silane, dichlorodimethyl reaction products with silica 68611-44-9	Oral LD50 (Rat) >5000 mg/kg	Inhalation LC50 (Rat) >0.477 mg/l/4 h	No	No	No	No
Polyglycol 025322-69-4	Oral LD50 (Rats) >2,000 mg/kg	None	No	No	No	No

Literature Referenced Target Organ & Other Health Effects

Components	Health Effects/Target Organs
Polydimethyl-siloxane 63148-62-9	No target organs
Silane, dichlorodimethyl reaction products with silica 68611-44-9	No target organs
Polyglycol 025322-69-4	No target organs

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16. Other Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Product Regulations.

Data prepared by Environment protection department.