

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
NON-CONDUCTIVE LUBE / 1711
JULY 2013
PAGE 1

HEALTH	0
FIRE	1
REACTIVITY	0
P.P.E.	B

SECTION 1 – Product and Company Identification

PRODUCT NAME: Non-Conductive Lube
PRODUCT DESCRIPTION: Dielectric Silicone Grease

SECTION 2 – Hazards Information

LABELING:
SIGNAL WORD: CAUTION
EMERGENCY OVERVIEW: HARMFUL IF SWALLOWED.
ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:
ROUTES OF ENTRY: Eyes, Inhalation
EYES: Uncured product contact irritates eyes.
SKIN: Uncured product contact will irritate lips, gums, tongue and skin.
INHALATION: Causes mild respiratory irritation.
INGESTION: May cause gastric distress.
CHRONIC/LONG TERM EFFECTS: None known.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
OTHER: Acetic acid released during curing.
AMES TEST: Unknown.
OTHER: None known.
PRODUCTS/INGREDIENTS: None known.

SECTION 3 – Composition on Ingredients

COMPONENTS	CAS #	WGHT. %	OSHA PEL/ACGIH TLV	SARA 302/304 (1)*	SARA 313 (2)*	STATE INFO (3) (4)	CERCLA RQ
Dimethyl, methyl silicone resin	68037-74-1	60.0	-	-	-	-	-
Silica, Amorphous Fumed	7631-86-9	7.0-13.0	-	-	-	-	-
Dimethylsiloxane, hydroxy-terminated	70131-67-8	5.10-10.0	-	-	-	-	-

SECTION 4 – First Aid Measures

FIRST AID PROCEDURES:
EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.
SKIN CONTACT: To clean from skin, remove completely with a dry cloth or paper towel before washing with detergent and water. Get medical attention if irritation develops.
INHALATION: Remove to fresh air.
INGESTION: No first aid should be needed.
NOTES TO PHYSICIAN: None known.

SECTION 5 – Fire Fighting Measures

FLASH POINT: 212° F /100° C (CC)
SUITABLE EXTINGUISHING MEDIA: Carbon Dioxide(CO2). Water. Water fog(or spray) Dry Chemical. Foam.
UNSUITABLE EXTINGUISHING MEDIA: None.
AUTOIGNITION: Not determined.
FLAMMABILITY LIMITS IN AIR: Not determined.
FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.
UNUSUAL FIRE HAZARDS: None.
Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Sulfur Oxides. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Iodine compounds. Formaldehyde. If container is an aerosol product: Treat as compressed gas: extinguishing media- CO2, Dry Chemical, Water Fog.

SECTION 6 – Accidental Release Measures

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wipe or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with skin and eyes. CAUTION! Wearers of contact lenses must not handle lenses until all sealant has been cleaned from fingertips; residual silicone will transfer to lenses and cause severe eye irritation.
OTHER:

- Products releases acetic acid during application and curing.
- Use mechanical ventilation to stay below TLV of 10 PPM acetic acid.
- Uncured product contact irritates eyes.
- Uncured product contact irritates skin.
- Use in a well ventilated area to prevent irritation by vapors.

SECTION 8 – Exposure Controls/Personal Protection

PERSONAL PROTECTIVE EQUIPMENT
EYE/ FACE PROTECTION: Safety glasses.
HAND PROTECTION: Cloth gloves.
RESPIRATORY PROTECTION: Use in a well ventilated area.
ENGINEERING CONTROLS: Eyewash stations.
OTHER PROTECTIVE EQUIPMENT: None known.
VENTILATION: Use only in well ventilated area.

SECTION 9 – Physical and Chemical Properties

COLOR: Translucent White. **VAPOR PRESSURE [mmHg]:** Not applicable.
ODOR: Some odor. **VAPOR DENSITY [Air=1]:** Not applicable.
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available. **VISCOSITY:** Not applicable.
SOLUBILITY IN WATER: None.
PHYSICAL STATE: Grease. **ODOR THRESHOLD:** Not available.

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pH:	Not applicable.	PERCENT VOLATILE, WT. %:	Not available.
MELTING POINT:	Not determined.	AUTOIGNITION TEMPERATURE:	Not available.
FREEZING POINT:	Not determined.	VOC CONTENT, WT. %:	Not applicable.
BOILING POINT:	Not determined.	FLASH BACK:	Not available.
FLAMMABILITY (HOC):	Not available.	SPECIFIC GRAVITY @ 25° C:	1.00
UPPER LIMITS:	Not available.	FLASH POINT:	212° F /100° C (CC)
LOWER LIMITS:	Not available.	EVAPORATION RATE (Butyl Acetate=1):	Not available.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

SECTION 10 – Stability and Reactivity

STABILITY:	Stable.
INCOMPATIBILITY:	Oxidizing material can cause a reaction. Air or moisture causes curing and acetic acid vapors to form.
CONDITIONS TO AVOID:	Exposure to air or moisture until ready to use.
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Silicone dioxide, carbon dioxide, and traces of incompletely burned carbon prod.

SECTION 11 – Toxicological Information

TOXICITY: Acute Oral LD50: >10,000 MG/KG, Acute dermal LD50: None found MG/KG, Acute Inhalation LC50: None found.

SECTION 12 – Ecological Information

None.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Disposal should be made in accordance with Federal, State, and Local Regulations.

SECTION 14 – Transport Information**DEPARTMENT OF TRANSPORTATION (DOT) REQUIREMENTS**

DOT Shipping Name:	None.	DOT Hazard Class:	None.
DOT Label(s):	None.	EPA Hazard Class:	Eye irritant.
CPSC Classification:	Eye irritant.	Transportation Class:	IMO None.
RID (OCTI):	None.	ADR (ECE):	None.
RAR (IATA):	None.		

SECTION 15 – Regulatory Information

None.

SECTION 16 – Other Information

ADDITIONAL INFORMATION: These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

MSDS Sections Updated: New MSDS
Prepared by: Kyla DeWees

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