

HMIS RATING	
Health	1
Flammability	0
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	N/A
Flammability	N/A
Reactivity	N/A
NFPA 308 LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-728
 PRODUCT NAME.....Dielectric Grease
 CHEMICAL FAMILY.....Silicone Grease
 DOT SHIPPING.....Limited Quantity (LQ)

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Amorphous fumed silica (112945-52-5)	6mg/m ³	10mg/m ³	-	5-15

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE).....>300°C
 VAPOR PRESSURE mmHg @ 77°F.....<5mmHg
 VAPOR DENSITY (AIR = 1).....>1
 SOLUBILITY IN WATER.....Insoluble
 SPECIFIC GRAVITY (@ 77°F).....1.03
 MELTING/FREEZING POINT.....N/A
 EVAPORATION RATE (Butyl Acetate=1).....N/A
 VOC content (by weight).....ND
 APPEARANCE AND ODOR.....Translucent paste /Slight, sweet odor

4. FIRE AND EXPLOSION DATA

FLASH POINT.....>575°F
 UPPER EXPLOSIVE LIMIT (%).....Unknown
 LOWER EXPLOSIVE LIMIT (%).....Unknown
 EXTINGUISHING MEDIA.....Use carbon dioxide or dry chemical on small fires. Use foam and/or water spray for large fires.
 SPECIAL FIREFIGHTING PROCEDURES.....Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
 FIRE AND EXPLOSION HAZARDS.....None

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Skin Contact, Eye Contact.
 (ACUTE AND CHRONIC).....May cause mild eye irritation.
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....None.

5. HEALTH EFFECTS DATA (CONT'D)

FIRST AID PROCEDURES

EYE CONTACT.....Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.
 SKIN CONTACT.....Wash affected area with soap and water.
 INGESTION.....Do not induce vomiting. Seek medical attention.
 INHALATION.....No first aid should be needed.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....Presently not on any lists

6. REACTIVITY

STABILITY.....Stable
 INCOMPATIBILITIES.....Strong acids or bases, strong oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS.....None known
 HAZARDOUS POLYMERIZATION.....Will not occur
 HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID.....None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS.....Safety glasses as a minimum, chemical protective gloves are recommended.
 WASH REQUIREMENTS.....Wash at mealtimes and end of shift.
 SPILL OR LEAK PROCEDURES.....Use absorbent material to collect and contain material for disposal.
 WASTE DISPOSAL METHODS.....Dispose of in accordance with local, state, and federal regulations.
 HANDLING & STORAGE.....Keep container closed when not in use. Avoid prolonged skin contact. Keep away from eyes, use recommended personal protective equipment. Store below 100°F.
 OTHER PRECAUTIONS.....Avoid eye and skin contact. Keep container closed when not in use. Do not take internally.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.



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