

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.

KIMBALL MIDWEST

Specializing in Materials Management since 1923