



MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

DIELECTRIC GREASE PART NO. 1046

SECTION I – IDENTITY INFORMATION

Chemical Family : Silicone Compound

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>OHSA PEL</u>	<u>ACGIH TLV</u>	<u>WGT%</u>
Silica, Amorphous	112945-52-5	6 mg/m ³	10 mg/m ³	05-15

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Physical Form : Paste
Odor : Slight, sweet
pH : N/A
Viscosity : N/A
Volatile Content : <1.5%
Boiling Point : >300⁰C
Color : Translucent
Specific Gravity : 1.03
Solubility in Water : Insoluble
Vapor Pressure : <5 mm Hg @ 25⁰C
Vapor Density : >1
Melting Point : N/A

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Auto Ignition : Not Determined
Flash Point : >575⁰F
Upper Explosive Limit (%) : Undetermined
Lower Explosive Limit (%) : Undetermined
Extinguishing Media : Use carbon dioxide or dry chemical on small fires. Use foam and/or water spray for large fires.
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire and Explosion Hazards : None known

SECTION V – REACTIVITY DATA

Stability	: Stable
Incompatibility (Material to Avoid)	: Strong acids or bases, strong oxidizing materials
Conditions to Avoid	: None Known
Hazardous Polymerization	: Will Not Occur.

SECTION VI – HEALTH HAZARD DATA

HEALTH EFFECTS DATA:

Eye Contact	: Contact with the eyes may cause temporary irritation. Flush eyes with copious amounts of water for a minimum of 15 minutes. If irritation develops contact a physician.
Skin Contact	: Contact with the skin is not expected to cause irritation. Wash contacted area with soap and water.
Inhalation	: Inhalation exposure is not likely to occur.
Oral	: If ingested DO NOT induce vomiting. Get prompt medical attention.

SPECIAL HEALTH EFFECTS:

Carcinogens	: None known
Teratogens	: None known
Mutagens	: None known
Reproductive Toxins	: None known
Sensitizers	: None known

SECTION VII – ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure	: Observe all personal protection equipment. Use absorbent material to collect and contain material for disposal.
Waste Disposal Methods	: Dispose in accordance with all applicable federal, State and Local regulations. This material is not a RCRA hazardous waste material.

SECTION VIII – HANDLING AND STORING

Handling	: Keep container closed when not in use. Avoid prolonged skin contact. Keep away from eyes, use recommended personal protective equipment.
Storage	: Store in temperatures below 100 ⁰ F.

SECTION IX – EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye	: Use proper protection – safety glasses as a minimum.
Skin	: Chemical protective gloves are recommended. wash at mealtime and end of shift.
Inhalation	: None should be needed.
Precautionary Measures	: Avoid eye and skin contact. Keep container closed when not in use. DO NOT take internally.

SECTION X – HAZARD COMMUNICATION CODES

NFPA RATINGS:

Health	: 1
Flammability	: 0
Reactivity	: 0

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