



## 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 <sup>3</sup>	10 mg/m <sup>3</sup>	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 : >300<sup>0</sup>C  
Color : Translucent  
Specific Gravity : 1.03  
Solubility in Water : Insoluble  
Vapor Pressure : <5 mm Hg @ 25<sup>0</sup>C  
Vapor Density : >1  
Melting Point : N/A

#### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Auto Ignition : Not Determined  
Flash Point : >575<sup>0</sup>F  
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 <sup>0</sup> 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

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.