



MATERIAL SAFETY DATA SHEET

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

BRAKE SYSTEM SILICONE COMPOUND PART NO. 49593

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

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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 100⁰F.

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 – SHIPPING INFORMATION

DOT Shipping Name	: Unrestricted
DOT Hazard Class	: Non-hazardous, unrestricted.
UN/NA Number	: None
Label Required	: No special labeling is required.

SECTION XI – OTHER REGULATORY INFORMATION

TSCA	: All components are on the inventory.
SARA 302	: No components subject to 40 CFR 370.
SARA 311 & 312	: Not subject to reporting requirements of 40 CFR 370.
California Proposition 65	: No proposition 65 chemicals are known to be present.

SECTION XII – HAZARD COMMUNICATION CODES

NFPA RATINGS:	
Health	: 1
Flammability	: 0
Reactivity	: 0

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