



**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: SILICONE COMPOUND AND LUBRICANT  
REVISED DATE: Jan 2011

**SECTION 1.-PRODUCT IDENTIFICATION**

Product Identification: SM7704  
Chemical Family: Silicone Grease Compound  
Chemical Name: Silica Filled Dimethylpolysiloxane  
Formula: Mixture

**SECTION 2.-PRODUCT COMPONENTS**

Product Composition:	Approx. WGT %	ACGIH TLV	OSHA PEL	UNITS	CAS REG NO.
Dimethylpolysiloxane	80-95	N/A	N/A	N/A	63148-62-9
Silicon Dioxide	5-15	10	6	mg/m	112945-52-5

**SECTION 3.-PHYSICAL DATA**

Boiling Point ->300 C  
Vapor Pressure (25C) -<5mm Hg  
Vapor Density (Air=1) ->1  
Freezing Point -Unknown (F) Unknown (C)  
Melting Point -Unknown (F) Unknown (C)  
Appearance & Color -Paste, translucent, slight odor  
Solubility in Water -Insoluble  
% Volatile by Volume - <1.5  
Specific Gravity - 1.03  
pH -NA

**Section 4.-FIRE AND EXPLOSION HAZARD DATA**

Flash Point	- >575 F
Flammable Limits in Air	-Lower-NA Upper-NA
Extinguishing Media	-Use carbon dioxide or dry chemical on small fires. -Use foam/or water spray for larger fires.
Special Firefighting Procedures	-Self-contained breathing apparatus and protective clothing.
Unusual Fire Explosion Hazards:	-None known.

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**SECTION 5.-REACTIVITY DATA**

Stability	-Stable
Incompatibilities:	-Strong acids or bases, strong oxidizing materials
Hazardous Polymerization:	-Will not occur
Conditions to avoid:	-None known

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**SECTION 6.-HEALTH HAZARD DATA**

Acute Signs/Effects of Overexposure

Normal Route(s) of Entry

Ingestion	-None Known
Skin Contact	-Prolonged or extended contact may cause mild irritation
Inhalation	-Prolonged exposure may cause mucous membrane irritation
Eye Contact	-Prolonged contact may cause mild irritation.

Emergency and First Aid Procedures(if symptoms persist)

Ingestion:	DO NOT INDUCE VOMITING. Seek medical help.
Skin:	Remove contaminated clothing. Wash skin with soap and water.
Inhalation:	Remove to fresh air.
Eye Contact:	Flush with large amounts of water.

Toxicity

This product nor any of its ingredients representing 0.1% or more is NOT LISTED as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

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**SECTION 7.-SPECIAL PROTECTIVE EQUIPMENT**

Ingestion:	None known
Skin:	Gloves, cloth or plastic disposable
Inhalation:	None known
Eye Contact:	Safety glasses or face shield

**SECTION 8.-SPILL, LEAK AND DISPOSAL PROCEDURES**

Spills or Leaks:

Wipe, scrape or soak up in an inert material and put in a container for disposal.  
Wash walking surfaces with detergent and water to reduce slipping hazard.  
Wear protective equipment as specified.

Disposal Methods:

Disposal should be made in accordance with Federal, State and Local regulations.

**SECTION 9.-SPECIAL PRECAUTIONS-HANDLING AND STORAGE**

Keep containers closed.  
Store in a cool dry place below 100 °F.  
Avoid contact with skin or eyes.  
Wash hands before eating or drinking.  
Remove and launder contaminated clothing.

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**SECTION 10.-REGULATORY CLASSIFICATION DATA**

NFPA/HMIS Classification:	Flammability..0
	Reactivity....0
	Health.....1

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**ADDITIONAL INFORMATION**

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be within generally acceptable practices. However, each user should review these recommendations in the specific content of the intended product use.