



The **Silchem™** Group

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Product Sales

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SILICONE COMPOUND AND LUBRICANT
REVISED DATE: Jan 2009

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.

SECTION 5.-REACTIVITY DATA

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

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.

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.

SECTION 10.-REGULATORY CLASSIFICATION DATA

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

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.