Silchem™ Marketing Inc.

website: www.silchem.com

P.O. Box 231487 Encinitas, CA 92023 USA
Phone: 760-798-4390 Fax: 901-328-1427
email: info@silchem.com

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 1000 CS SILICONE FLUID

==========

SECTION 1. GENERAL INFORMATION

Product Identification: 7000
Chemical Family: Silicone
Chemical Name: Polydimethylsiloxane
Formula: Fluid
Proper Shipping Name: None
D.O.T. Hazard Name: None
D.O.T. Hazard Class: None
RCRA Hazard Class: None
E.P.A. Priority Pollutants: None
NFPA-704 Health (*): 1 Flammability (*): 1 Reactivity (*): 0 *NFPA
CAS No.: 63148-62-9

SECTION 2. HAZARDOUS INGREDIENTS AS DEFINED IN 29 CFR 1910-1200

None Present

SECTION 3. EFFECTS OF OVEREXPOSURE

Eye: Direct contact may cause temporary discomfort with mild redness and dryness similar to windburn.
Skin: A single prolonged exposure (24 to 48 hours) causes no known adverse effect.
Inhalation: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposure of less than eight hours.
Oral: Small amounts transferred to the mouth by fingers during the use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.
Comments: No known adverse chronic health effects, but unnecessary exposure to any chemical should be avoided. This product, as with any chemical, may enhance allergic conditions on certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

Section 4. EMERGENCY AND FIRST AID PROCEDURE

Ingestion: DO NOT INDUCE VOMITING. No first aid should be needed. Seek medical help if necessary.
Skin: Remove contaminated clothing. Wash skin with soap and water.
Inhalation: Remove to fresh air. No first aid should be needed.
Eye Contact: Flush immediately with large amounts of water.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point: Open cup, 610 ° F/321 °C Min.
Autoignition: Not determined
Flammable Limits in Air: Lower-ND Upper-ND
Extinguishing Media: Water, water fog x CO2 x dry chemical x foam x other.
Special Firefighting Procedures: Self-contained breathing apparatus and protective clothing.
Unusual Fire Explosion Hazards: None known.

SECTION 6: PHYSICAL DATA

Boiling Point: NA
Specific Gravity (at 77 F/25 C): 0.98
Melting Point: NA
Vapor Pressure (at 77 F/25 C): Less than 5 mm.
Vapor Density (air =1 at 77 F/25 C): NA
Percent Volatile by Weight (%): Less than 5
Evaporation Rate (ether=1): ND
Solubility in Water (%): Less than 0.1
Odor, Appearance, Color: Very little odor, liquid, no color.

SECTION 7. REACTIVITY DATA

Stability: Stable
Incompatibilities: Strong acids or bases, strong oxidizing materials
Conditions to avoid: Not applicable
Hazardous Decomposition Products: Silicon dioxide, carbon dioxide and traces of incompatibility burned carbon products.
Hazardous Polymerization: Will not occur
Conditions to avoid: Not applicable

SECTION 8. SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES

Spills or Leaks: Use absorbent material to collect and contain for salvage or disposal.
Protective Equipment:
Skin: Gloves, cloth or plastic disposable, remove contaminated clothing and shoes.
Inhalation: Use respiratory protection unless local exhaust ventilation is adequate.
Eye Contact: Safety glasses or face shield.
Disposal Methods: Disposal should be made in accordance with Federal, State and Local regulations concerning health and pollution to determine approved disposal methods.
D.O.T./EPA Spill Reporting Information:
Hazardous Substance: None
Reportable quantity: NA
Concentration of Hazardous Substance: NA
Reportable Quantity of Product: NA

SECTION 9.-SPECIAL PRECAUTIONS-HANDLING AND STORAGE

Keep containers closed.
Store in a cool dry place below 100 ^{0}F.
Avoid contact with skin or eyes.
Wash hands before eating or drinking.
Remove and launder contaminated clothing.
No respiratory equipment should be needed.
Local exhaust should be suitable.

SECTION 10. SPECIAL PRECAUTIONS

Use reasonable care and caution when storing and handling.

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.

December 1999