

MATERIAL SAFETY DATA SHEET

CMP 705 Silicone Diffusion Fluid

HMIS RATING

Health: 1 Flammability: 1 Reactivity: 0 Special: X

SECTION 1 -- LOCATION

Location: 6005 Alliance Road N.W.
 Malvern, Ohio 44644
Telephone: 330-863-1121
Date Prepared: January 1, 2011

SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) Chemical and Common Name(s)...Penta Phenyltrimethyltrisiloxane

CAS No. 3390-61-2 100% TVA 5mg/m3 8 hrs. Oil Mist

To the best of our knowledge, the above listed component(s) is not hazardous according to OSHA (1910.1200) or one or more State Right-to-Know lists.

SECTION III -- PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and Odor: Clear to Pale Yellow Viscous liquid/Odorless
Specific Gravity @ 22 (C): 1.09
Vapor Pressure @ 25 (C): 10-9 to 10-10 Torr
Vapor Density (Air=1): Not Applicable
Solubility in Water: Insoluble
Reactivity in Water: No Reaction
Melting Point: Not Applicable

SECTION IV -- FIRE & EXPLOSION DATA

Flash Point: 470°(F) 243°(C) Method Used: C.O.C.
Flammable Limits (%): Not Applicable
Extinguishing Media: CO2, Dry Chemical, Foam

Special Fire Fighting Procedures: Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water...

Unusual Fire and Explosion Hazards: Auto ignition temperature 430C (806F)

CAUTION: DO NOT USE PRESSURE TO EMPTY DRUM OR EXPLOSION MAY RESULT.

SECTION V -- PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Product is stable under normal conditions.
Conditions to Avoid: Avoid heat and open flame.
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Strong acids, strong oxidizing materials, strong bases.
Hazardous Decomposition Products: At temperatures above 300 C (572F), Benzene may be released. On combustion, Silica and oxides of Carbon are emitted.

SECTION VI -- HEALTH HAZARDS

Eyes: Similar Silicone fluids are non-irritating to rabbit eyes. A slight transient irritation is possible.
Skin: Animal tests for similar Silicone fluids suggest very low acute dermal toxicity.
Inhalation: This is a viscous fluid that does not easily form a mist or vapor and, therefore, inhalation hazards are minimal.
Ingestion: Animal tests for similar fluids suggest very low acute oral toxicity.
Chemical Listed as Carcinogen or Potential Carcinogen:

IARC Monographs: No OSHA: No. National Toxicology Program: No

Routes of Entry

Inhalation: Although it would be difficult to inhale this product, seek Medical attention if it should occur.
Eyes: In case of contact, wipe off excess with a clean gauze pad or cotton and then flush eyes with plenty of water for at least 15 minutes using an eyewash fountain. Lift upper and lower lids and rinse well under them. Get Medical attention if irritation develops or persists.
Skin: In case of contact, wipe off excess with a clean cloth and then wash with soap and plenty of water. Get Medical attention if irritation develops or persists.
Ingestion: If swallowed and victim is fully conscious, induce vomiting immediately by giving two glasses of water and sticking finger down throat. **Get Immediate Medical Attention.**

SECTION VII -- SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperature should be minimized. Water contamination should be avoided.

Steps to be taken in Case of Release or Spill: Wear appropriate protective gear. Absorb onto Vermiculite. Sweep up into appropriate container. Wash spill area after material pickup is complete with an appropriate solvent like paint thinner.

Waste Disposal Methods (Consult Federal, State, Local Regulations): Under RCRA, it is the responsibility of the user of products to determine at the time of disposal whether product meets RCRA criteria for hazardous waste. This is because uses, transformations, mixture, processes, etc., may render the resulting material hazardous.

SECTION VIII -- SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

- Respiratory Protection: None required if exposures are within permissible concentrations of 5.0mg/m³ of air for mineral oil mist averaged over an eight-hour daily exposure (ACGIH 1984-85).
- Ventilation: Normal.
- Protective Gloves: Impervious gloves when prolonged contact cannot be avoided.
- Eye Protection: Chemical type goggles/face shield.
- Other Protective Equipment: Maintain a sink, safety shower, and eyewash fountain in the work area.
- Work/Hygienic Practices: Employees should exercise reasonable personal cleanliness.

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and **we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.** Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

ATTENTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

REGULATORY INFORMATION:

D.O.T. SHIPPING NAME:	NOT APPLICABLE
D.O.T. HAZARD CLASS:	NOT APPLICABLE
D.O.T. IDENTIFICATION NUMBER:	NOT APPLICABLE