

## 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, 2008

#### SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY

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

CAS No.                      3390-61-2                      100%                      TVA 5mg/m<sup>3</sup> 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:                      CO<sub>2</sub>, 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.**

**THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.**



**SECTION VIII -- SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

- Respiratory Protection: None required if exposures are within permissible concentrations of 5.0mg/m<sup>3</sup> 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