

## MATERIAL SAFETY DATA INFORMATION

### CMP 91S High Vacuum Silicone Grease

#### 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)... Blended Silicone Grease

CAS No.	63148-62-9	93%	Silicone
	112945-52-5	7%	Synthetic Amorphous Silicon Dioxide, Crystalline Free

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:	Translucent White; Mild Odor
Specific Gravity @ 22 (C):	.97
Vapor Pressure @ 25 (C):	Not Applicable
Vapor Density (Air=1):	Not Applicable
Solubility in Water:	Insoluble
Reactivity in Water:	Not Applicable
Melting Point:	Not Applicable

#### SECTION IV -- FIRE & EXPLOSION DATA

Flash Point:	>625° (F) 329° (C)	Method Used: C.O.C.
Flammable Limits (%):	No Data Available	
Extinguishing Media:	Water Fog, Carbon Dioxide, Dry Chemical, Foam	

Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Do not weld, heat, or drill container. Residue may ignite with explosive violence if heated sufficiently.

**SECTION V -- PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability: Product is stable under normal conditions.  
Conditions to Avoid: None known at this time.  
Hazardous Polymerization: Will not occur.  
Incompatibility (Materials to Avoid): Oxidizing materials can cause a reaction.  
Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Formaldehyde, Silicon Dioxide.

**SECTION VI -- HEALTH HAZARDS**

Eyes: May cause temporary discomfort.  
Skin: Single, prolonged exposure causes no known adverse affects.  
Inhalation: No irritation to nose or throat expected. No injury is likely from relatively short exposure.  
Ingestion: Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury.  
Medical Conditions Generally Aggravated by Exposure: 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 may be aggravated by exposure to this product.

Chemical Listed as Carcinogen or Potential Carcinogen:

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

**Routes of Entry**

Inhalation: If respiratory discomfort or irritation occurs, move person to fresh air.  
Eyes: Flush eyes with cool water for 15 minutes. Seek Medical attention if irritation persists.  
Skin: Wipe off and wash thoroughly with soap and water.  
Ingestion: None known.

**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.

Other Precautions: At elevated temperatures, this product is sensitive to contamination. If this product becomes contaminated with strong acids, bases, or some metallic compounds and oxidizing agents, the flash point and viscosity may change and should be re-determined.

Steps to be Taken in Case of Release or Spill: Wipe up or soak up in an inert material and put in a container for disposal.

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/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: None considered necessary at this time.
- 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