



**MSDS Data**

**Siltech 300HV**

**HV INSULATOR COATING  
Silicone Grease Base**

**PRODUCT IDENTIFICATION: 300HV  
Catalog Numbers with 1G, 5G, 55G suffix**

EMERGENCY TELEPHONE: CHEMTREC (800) 424-9300  
Updated: 1/15/2010

SECTION I - GENERAL INFORMATION	
Proper Shipping Name (49CFR 172.101):	
D.O.T. Hazard Name: (49CFR 172.101)	None
D.O.T. ID No. (49CFR 172.101):	None
D.O.T. Hazard Class (49CFR 172.101)	None
RCRA Hazard Class (40CFR 261) (If discarded):	None
E.P.A. Priority Pollutants (CFR 122.53):	None
HMIS Hazard Rating = Hazardous Materials Identification System	
Health: 1      Flammability: 0      Reactivity: 0 Note: The HMIS rating involves data interpretation that varies from company to company. This information is intended for general identification to specific hazards. To safely handle this material, all of the information in this MSDS should be considered.	
Molecular Formula:	Mixture
Color:	Gray
Chemical Name:	Methyl-Phenylpolysiloxane Mixture
Chemical Family:	Silicone Compound

SECTION II – HAZARDOUS INGREDIENTS			
CAS NO.	Ingredient	WT%	Exposure Limits
None			
Notes: (1) None			

SECTION III – EFFECTS OF OVEREXPOSURE	
Primary Routes of Entry:	Skin, eyes and inhalation.
Eyes:	Direct contact irritates slightly with redness and swelling. May cause mild irritation.
Skin:	A single short exposure may cause irritation. Repeated prolonged exposure may cause mild irritation.
Inhalation:	A dust hazard may occur if silica is separated from the mixture.
Ingestion:	There are no known symptoms of ingestion.
Special Hazards:	None known.
Sensitizers:	See comments below.
Chronic Effects of Exposure	This product or one of its ingredients present making up 0.1% or more is not listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.
Comments:	This product contains methylpolysiloxane which can generate formaldehyde at approximately 300°F (149°C) and above in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. Refer to an msds sheet for formaldehyde for details.

SECTION IV – EMERGENCY AND FIRST AID PROCEDURES	
Ingestion:	None known.
Eyes:	Immediately flush eyes with copious amounts of water. Get medical attention if any irritation persists.
Skin:	Wipe off and wash with soap and water. Get medical attention if irritation or other ill effects develop or persist.
Inhalation:	None known.
Oral:	Get medical attention.
Comment:	Treat according to person's condition and specifics of exposure.

SECTION V – FIRE AND EXPLOSION DATA	
Flash Point:	Not Determined.
Flammability in Air:	Lower: Not Determined Upper: Not determined.
Ignition Temperature:	Unknown.
Extinguishing Media:	All standard fire fighting media.
Special Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
Unusual Fire and Explosion Hazards:	None

SECTION VI – ACCIDENTAL RELEASE MEASUREMENTS	
Containment/Clean Up:	Observe all personal protective equipment recommendations as described in section eight. Scrape all spilled materials for disposal. This material is not classified as a hazardous waste per 40 CFR 261. State and local laws may impose regulatory restrictions.

SECTION VII – HANDLING & STORAGE	
Personal Precautionary Measures:	Wash thoroughly after handling. Observe all PPE suggestions in section VIII.
Storage:	Keep container closed.

SECTION VIII – EXPOSURE CONTROLS & PERSONAL PROTECTION	
PROTECTIVE EQUIPMENT	
Eyes:	Wear safety glasses with side shields as a minimum.
Skin:	Washing at meal time and at the end of a shift. Chemical protective gloves are recommended.
Inhalation:	None.
Ventilation:	Local and general ventilation are recommended.
Suitable Respirator:	None.
Comments:	None.

SECTION IX – PHYSICAL DATA	
Boiling Point (@ 760 mm Hg)	Not Determined
Specific Gravity (@ 77°F/ 25°C)	1.3
Freeze Point	Not Determined
Melting Point	Not Determined
Odor	Essentially odorless
Vapor Pressure (@ 77°F/ 25°C)	Not Determined
Vapor Density (Air = 1 @ 77°F/ 25°C)	Not Determined
Percent Volatile by Volume (%)	<1
Evaporation Rate (BuAc = 1)	Negligible
Solubility in Water	Insoluble
Odor, Appearance, Color	Odorless, paste, colored (gray)
Note: The above information is not intended for use in preparing product specifications. Contact Silchem Marketing Inc. before writing specifications.	

SECTION X – REACTIVITY DATA	
Stability:	Stable
Incompatibility (Material to Avoid):	None known.
Conditions to Avoid:	None known.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition/Combustion Products	Carbon monoxide, carbon dioxide, silicon dioxide, formaldehyde.
Comments:	None.

SECTION XI – DISPOSAL CONSIDERATIONS
This material is not classified as a hazardous waste per 40 CFR 261. State and local laws may impose regulatory restrictions. Observe all federal, state, and local laws regarding waste disposal.

SECTION XII – TRANSPORT CONSIDERATIONS	
Marine pollutant components:	None
DOT (USA):	Caulking & Glaziers, NOI
DOT Hazard Classification:	None
UN/NA Number:	Not applicable
Label Required:	None

SECTION XIII – REGULATORY INFORMATION			
TSCA: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.			
SARA 302: No components subject to 40 CFR 370			
SARA 304: None			
SARA 312: None			
Acute:			
Chronic:			
Fire:			
Pressure:			
Reactive:			
SARA 313: None			
Chemical Name	CAS Number	Max Weight %	

SECTION XIV – SPECIAL COMMENTS
These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. Since the use of the product is not within the control of The Silchem Group, it is the user's obligation to determine the conditions of safe use.