

Material Safety Data Sheet

Silicone Grease 2012 NSF 61

Data Prepared: October 15th, 2014



SECTION I: IDENTIFICATION OF THE SUBSTANCE & COMPANY

Product Name: **Silicone Grease 2012 NSF 61**
Product Code: **2012 NSF 61**

Made by: **CLEARCO PRODUCTS CO. INC.,**
15 York Road
Willow Grove, PA 19090 U.S.A.

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General Description: Silicone grease
Physical Form: Grease-like compound
Color: Colorless
Odor: Odorless

HMIS RATING

FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

POTENTIAL HEALTH EFFECTS

Acute Effects

Eye: Direct contact may cause temporary redness and discomfort.
Skin: No significant irritation expected from a single short-term exposure.
Inhalation: No significant effects expected from a single short-term exposure.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.
Inhalation: No known applicable information.
Oral: No known applicable information.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure: No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information

SECTION III COMPOSITION OF INGREDIENTS

INGREDIENT DESCRIPTION	% Weight	CAS Number	ACGIHP PM	TLV MG/M3	ACGIHP PM	STEL MG/M3	OSHA PPM	PEL MG/M3	SARA 313
Polydimethylsiloxane	94%	63148-62-9	N/E	N/E	N/E	N/E	N/E	N/E	N/E
Fumed Silica	6%	112945-52-5	N/E	N/E	N/E	N/E	N/E	N/E	N/E

SECTION IV PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not Applicable
Specific Gravity (H₂O=1): 1.03
Vapor Pressure (20°C): Less than 5 MM
Vapor Density (Air = 1): Not Applicable
Evaporation Rate (EE=1): Not Applicable
Melting Point: Not Applicable

Solubility In Water (20°C)	Insoluble
Solubility in Organic Solvent	Soluble in Toluene
Appearance & Odor:	Grease-like - Odorless

SECTION V FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used) >400°F >204°C by PMCC
Flammable Limits: LEL: No Data UEL: No Data

Extinguishing Media: All standard firefighting media
Special Fire Fighting Procedures: None Known

SECTION V REACTIVITY DATA

Stability: Stable
Conditions to Avoid: NONE
Hazard Polymerization: Will Not Occur
Incompatibilities: None Known
Hazardous Decomposition/Combustion Silicon Dioxide, Carbon Monoxide, Carbon Dioxide

SECTION VI HEALTH HAZARD DATA

Acute Signs/Effects of Overexposure:

Eye Contact:	May cause Mild Eye Irritation.
Skin Contact:	None Known.
Inhalation:	None Known.
Ingestion:	None Known.
Medical Conditions Aggravated:	None Known
Other:	None Known
Chronic Effects of Overexposure:	None Known

Emergency and First Aid Procedures:

Ingestion	None Known
Skin	Wash with soap and water
Inhalation	None Known
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

This product or one of its ingredients present 0.1% or more is not listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Spill Response: Wipe or scrape up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard.

Disposal Method: Disposal should be made in accordance with Federal, State and Local regulations. Incineration recommended in approved incinerator according to Federal, State, and Local regulations.

SECTION VIII PROTECTION AND PRECAUTIONS

Ventilation:	None Known
Respiratory Protection:	None Known
Eye and Face Protection:	Safety Glasses
Protective Gloves:	None Known
Other Protective Equipment:	None Known

Precautions to be Taken in Handling and Storage:	None Known
Engineering Controls:	None Known

SECTION IX DEPARTMENT OF TRANSPORTATION DATA

DOT Proper Shipping Name :	None
DOT Hazard Class:	None
DOT Labels:	None
UN/NA Number:	None
Placards:	None
Export:	None

EPA Hazard Waste:	None
Sara Hazard Class:	
WHMIS Hazard Class:	No Known WHMIS Class
CPSC Classification	None
Transportation Class:	None
RID (OCTI):	None

ADR (ECE): None
RAR (IATA): None

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