

## SAFETY DATA SHEET

# Grease, High Vacuum

Date of Preparation: 06/17/2014

SDS #: 008-16045-00MSDS

### SECTION 1: IDENTIFICATION

**Product Identification:** Grease, high vacuum

**CAS Number:** 007631869

**Other Designations:** None

**Volumes:** None

**Recommended Use:** Laboratory purposes, manufacture of chemicals

**Restrictions:** For laboratory use only.

**Supplier Information:**

Micromeritics Instrument Corp.  
4356 Communications Drive  
Norcross, GA 30093-2901 USA

Contact: Human Resources  
Phone: (770) 662-3620  
Fax: (770) 662-3696

**Manufacturer:** Dow Corning Corporation, South Saginaw Rd., Midland, Michigan 48686

24 Hr. Emergency: 517-496-5900, CHEMTREC: 800-424-9300

Product Information: 517-496-6000, Product Disposal Information: 517-496-5813

Transportation Information: 517-496-8577

### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:** Not Applicable

**Signal word:** Not Applicable

**Hazard Statements:** Not Applicable

**Pictograms:** Not Applicable

**Precautionary Statements:** Not applicable

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% wt
Silica, amorphous	007631869	9

#### Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Silica, amorphous	10 mg/m <sup>3</sup> total dust, 5 mg/m <sup>3</sup> Resp.	none estab.	10 mg/m <sup>3</sup>	none estab.	none estab.	none estab.	none estab.

## SECTION 4: FIRST-AID MEASURES

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact:** Wash off with soap and plenty of water.

**In case of eye contact:** Flush eyes with water as a precaution.

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed:** The most important known symptoms and effects are described in the labelling and/or in section 11

**Indication of any immediate medical attention and special treatment needed:** no data available

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing media

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Carbon oxides, silicon oxides

**Advice for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary.

**Further information:** no data available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.

**Environmental precautions:** Do not let product enter drains.

**Methods and materials for containment and cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections:** For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a dry and well-ventilated place.

**Specific end use(s):** Apart from the uses mentioned in section 1, no other specific uses are stipulated

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Components with workplace control parameters:** Contains no substances with occupational exposure limit values.

### Exposure controls

**Appropriate engineering controls:** General industrial hygiene practice.

### Personal protective equipment

**Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** Do not let product enter drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** 212.00 °F (100°C)

**Autoignition Temperature:** not determined

**Flammability Limits in Air:** None

**Physical State:** Viscous liquid

**Appearance and Odor:** Translucent white; odorless

**Vapor Pressure @ 25°C:** Not determined.

**Vapor Density (Air=1):** Not determined

**Formula Weight:** Not determined

**Density:** Not determined

**Specific Gravity (H<sub>2</sub>O=1, at 25°C):** 1.10

**pH:** Not Applicable

**Water Solubility:** None

**Other Solubilities:** None

**Boiling Point:** Not determined

**Freezing/Melting Point:** Not applicable

**Viscosity:** 200000.00 cst

**Refractive Index:** Not applicable

**Surface Tension:** Not applicable

**% Volatile:** Not determined

**Evaporation Rate:** Not applicable

**Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.**

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** No data available

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No data available

**Conditions to avoid:** No data available

**Incompatible materials:** Strong oxidizing agents

**Hazardous decomposition products:** Other decomposition products - no data available

In the event of fire: see section 5

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute toxicity:** no data available

Inhalation: no data available

Dermal: no data available

**Skin corrosion/irritation:** no data available

**Serious eye damage/eye irritation:** no data available

**Respiratory or skin sensitization:** no data available

**Germ cell mutagenicity:** no data available

### **Carcinogenicity:**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** no data available

**Specific target organ toxicity:** no data available

**Aspiration hazard:** no data available

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not Available

**Environmental Fate:** Not Available

**Environmental Degradation:** Not Available

**Soil Absorption/Mobility:** Not Available

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

## SECTION 14: TRANSPORT INFORMATION

### DOT Transportation Data (49 CFR 172.101):

**Shipping Name:** Not regulated

**Shipping Symbols:** Not Applicable

**Hazard Class:** Not regulated

**ID No.:** Not regulated

**Packing Group:** Not Applicable

**Label:** Not Applicable

**Special Provisions (172.102):**

Not Applicable

### Packaging Authorizations

a) **Exceptions:** Not Applicable

b) **Non-bulk Packaging:** Not Applicable

c) **Bulk Packaging:** Not Applicable

### Quantity Limitations

a) **Passenger, Aircraft, or Railcar:** Not Applicable

b) **Cargo Aircraft Only:** Not Applicable

### Vessel Stowage Requirements

a) **Vessel Stowage:** Not Applicable

b) **Other:** Not Applicable

Canadian TDG Hazard Class & PIN – Not regulated

## SECTION 15: REGULATORY INFORMATION

**EPA Regulations:** Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

## SECTION 16: OTHER INFORMATION

**Prepared By:** Zuniga, A.

**Revision Notes:** Not Applicable

**Additional Hazard Rating Systems:** Not Applicable

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