

MSDS - Material Safety Data Sheet**Product Name: PLUMBER'S SILICONE GREASE**

MSDS No.: GR2V

I. Basic Information:**Manufacturer:** RADIATOR SPECIALTY COMPANY**Address:** 600 RADIATOR ROAD**City, ST Zip:** INDIAN TRAIL, NC 28079**Country:****Contact:** Robert Geer**Information Telephone Number:** 704-684--181 1**Emergency Contact:** Rocky Mountain Poision Control Center**Emergency Telephone Number:** 303-623-5716**Emergency Restrictions:****Product Name:** PLUMBER'S SILICONE GREASE**MSDS No.:** GR2V**Issue Date:** 10/31/2008**Supersedes Date:** 05/07/2004**II. Hazards Identification:****EMERGENCY OVERVIEW**

Product is non-hazardous.

OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

Potential Health Effects**Route(s) of Entry:**

eyes, skin, and ingestion

Health Hazards (Acute and Chronic):

None known

Signs and Symptoms:

None known

Medical Conditions Generally Aggravated by Exposure:

None known

Other Health Warnings:

None known

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Demethyl siloxane, hydroxy-terminated	70131-67-8	7.0 - 13.0	
Dimethyl Polysiloxane	63148-62-9	60.0 - 100.0	
Silica, amorphous	7631-86-9	7.0 - 13.0	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

Eye Contact: Flush eyes with water for 15 minutes while lifting upper and lower eyelid. Get prompt medical attention.

Skin Contact: Wash with soap and water. If irritation persists, get prompt medical attention.

Ingestion: Drink water or milk. Call Poison Control Center, physician, or hospital emergency room immediately.

Note to Physicians:

N/D

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V. Fire Fighting Measures:**Suitable Extinguishing Media:**

Water spray, Carbon dioxide, Foam, and Dry Chemical

Unsuitable Extinguishing Media:

Water spray should be used for keeping containers cool that are next to fire.

Products of Combustion:

Silicone oxide, carbon oxides and formaldehyde.

Protection of Firefighters:

Wear self-contained positive pressure breathing apparatus and protective clothes.

VI. Accidental Release Measures:**Personal Precautions:**

Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed.

Environmental Precautions:

Material is thick and very viscous. Product run-off to sewers, streams, or other bodies of water will not occur.

Methods for Containment:

Material is thick and very viscous. Containment is not a problem with this product.

Methods for Cleanup:

Using a scoop, place contaminated material into an approved chemical waste container.

Other Information:

Use appropriate protective equipment.

VII. Handling and Storage:**Handling Precautions:**

Avoid contact with eyes. If spilled on floors it will make floor slippery.

Storage Precautions:

Avoid storage with oxidizing materials.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Silica, amorphous	N/E	N/E	Not Available
Dimethyl Polysiloxane	N/E	N/E	Not Available
Demethyl siloxane, hydroxy-terminated	N/E	N/E	Not Available

Engineering Controls:

See Section above for applicable exposure limits. Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

Personal Protective Equipment:

Wear protective safety glasses.

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IX. Physical and Chemical Properties:**Boiling Point:** N/E**Boiling Range:** Not Available**Solubility In Water:** Not soluble**Flash Point:** >315°C**Odor Threshold:** Not Available**Vapor Density (AIR = 1):** N/E**pH Range:** Not Available**Decomposition Temp:** Not Available**Lower Explosive Limit:** N/A**Specific Gravity (H2O = 1):** 1.00**Other Information:** None Known.**Melting Point:** N/E**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** N/E**Flash Point Method:** TCC**Appearance and Odor:** Thick opalescent paste with slight odor**Vapor Pressure (mm Hg.):** N/E**Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** N/A**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

See Incompatible Materials below.

Incompatible Materials:

Oxidizing materials can cause a reaction

Hazardous Decomposition Products:

None known

Possibility of Hazardous Reactions:

Will not occur.

XI. Toxicological Information:

N/E

XII. Ecological Information:

N/E

XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in a recycling centers when empty. Before offering for recycling, empty the can or bottle by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations

XIV. Transport Information:**Shipping Name:** Not Available**DOT Hazard Class:** Not Available**UN/NA#:** Not Available**Transportation Information:****DOT Subsidiary Hazard Class:** Not Available**Packing Group:** Not Available

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DOT Shipping Name: Not DOT regulated.

DOT Hazard Class: None

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping purposes.

ICAO/IATA (US): Not regulated

International:

ICAO/IATA: Not regulated

IMDG: Not regulated

XV. Regulatory Information:

SARA 313 Reportable Chemicals:

None

USA TSCA: All components of this material are either exempt or listed on the US TSCA Inventory.

State RTK Chemicals:

Silica, Amorphous 7631-86-9

polydimethylsiloxane 63148-62-9

Demethyl siloxane, hydroxy-terminated 70131-67-8

XVI. Other Information:Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

Hazard Category:

 Acute Chronic Fire
 Pressure Reactive**Additional Manufacturer Warnings:**

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established

N/D: Not Determined

N/A: Not Applicable

N/AV: Not Available

Additional Product Information:

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.

