

MSDS - Material Safety Data Sheet

Product Name: ENVIRONMENTALLY SILICONE SPRAY LUBRICANT

MSDS No.: AM914

I. Basic Information:

Manufacturer: RADIATOR SPECIALTY COMPANY
Address: 600 RADIATOR ROAD
City, ST Zip: INDIAN TRAIL, NC 28079
Emergency Contact: Rocky Mountain Poison Control Center
Emergency Telephone Number: 303-623-5716
Contact: Robert Geer
Information Telephone Number: 704-684-1811



Last Update: 03/21/2005 **Expiration Date:**

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

1	Health
2	Flammability
0	Reactivity
C	Pers. Protection

II. Ingredients:

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
64742-88-7	Aliphatic Solvent Naphtha	15.0 - 40.0							2000 mg/m3	N/E	
106-97-8	Butane	10.0 - 30.0							N/E	800 ppm	
63148-62-9	Dimethyl Polysiloxane	1.0 - 5.0							N/E	N/E	
74-98-6	Propane	1.0 - 5.0							N/E	1000 ppm	

III. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:
 Danger: Harmful or Fatal if Swallowed. Eye and Skin Irritant. Contents Under Pressure.

Level 1 Aerosol

IV. First Aid Measures:

Route(s) of Entry:
 Absorption, Eye, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):
 See signs and symptoms below

Signs and Symptoms:

Eye Contact: Direct spray of vapors may be irritating or harmful to eyes.
 Skin Contact: Product may cause irritation due to defatting of skin.
 Inhalation: High concentration of vapors may irritate nose and throat and cause headaches and nausea.
 Ingestion: Can cause irritation, gastric disturbances, and nausea..

Medical Conditions Generally Aggravated by Exposure:

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None Known

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.

Inhalation: Move to fresh air. If breathing becomes difficult, get prompt medical attention.

Ingestion: DO NOT INDUCE VOMITING!. Call Poison Control Center, physician, or hospital emergency room immediately.

Other Health Warnings:

None Known

V. Fire Fighting Measures:

Flash Point: None

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

F.P. Method: TCC

Fire Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures:

Wear self-contained positive pressure breathing apparatus and protective clothes. Cool containers with a water fog. Do not use forced water stream as this could cause the fire to spread. Use shield to protect from rupturing and venting containers.

Unusual Fire and Explosion:

Contents under pressure. Exposure to temperatures above 120° may cause containers to vent, rupture or burst violently.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Use appropriate protective equipment. Contain spill and then absorb spill with inert material or rags and scoop into a chemical waste container. All clean-up material should be removed and placed in approved containers for disposal. Rinse water may be disposed of down a sanitary sewer system if authorized by the local municipality.

VII. Handling and Storage:

Precautions to be Taken:

Use with adequate ventilation. Do not take internally. Do not expose to heat or store at temperatures above 120 F. Do not puncture or incinerate container.

Other Precautions:

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

See Section 2 for applicable exposure limits. Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

Personal Protective Equipment:

For prolonged exposure to the material, wear safety glasses, gloves, and apron. If exposed to vapor mist, wear approved respirator designed to remove particles of chemicals from the vapor mist.

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IX. Physical and Chemical Properties:

Boiling Point: 212°F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): > 1

Vapor Pressure (mm Hg.): N/D

Specific Gravity (H2O = 1): 1.00000

Vapor Density (AIR = 1): N/D

Solubility In Water: Soluble

Appearance and Odor:

Other Information: Soluble in alcohols.
VOC Content: 19.5% (Wt)

White creamy liquid with sweet aromatic odor

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

High temperatures and strong oxidizers

Decomposition/By Products:

Carbon dioxide, carbon monoxide

Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

N/D

XII. Ecological Information:

N/D

XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in aerosol recycling centers when empty. Before offering for recycling, empty the can by using the product according to the label. DO NOT PUNCTURE! 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:

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DOT Hazard Class: ORM-D

Shipping Name: Consumer Commodity

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

ICAO/IATA (US)

Shipping Name: Aerosols

Class: 2.1

UN number: UN1950

International:

ICAO/IATA

UN number: UN1950

Shipping Name: Aerosols

Class: 2.1

IMDG

UN number: UN1950

Shipping Name: Aerosols

Class: 2.1

EmS: F-D, S-U

XV. Regulatory Information:

See Section 2 for SARA Reportable Chemicals.

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

XVI. Other Information:

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

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.