MSDS - Material Safety Data Sheet
Product Name: HEAVY DUTY SILICONE SPRAY LUBRICANT

MSDS No.: M914

I. Basic Information:

Manufacturer: RADIATOR SPECIALTY COMPANY
Address: 600 RADIATOR ROAD
City, ST Zip: INDIAN TRAIL, NC 28079
Country: USA

Contact: Robert Geer
Information Telephone Number: 704-684--181 1
Emergency Contact: RMPDC (877-740-5015)
Emergency Telephone Number: 303-623-5716
Emergency Restrictions:

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Issue Date: 01/22/2013
Supersedes Date: 09/24/2012

II. Hazards Identification:

EMERGENCY OVERVIEW

Flammable. Harmful or fatal if swallowed. Eye and Skin Irritant. Contents under Pressure.

Level 3 Aerosol

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects

Route(s) of Entry:

Absorption, Eye, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

See Signs and Symptoms below

Signs and Symptoms:

Eye Contact: Irritant. Prolonged contact may cause conjunctivitis.
Skin Contact: Irritant. Defatting of tissue, dermatitis may occur.
Inhalation: Irritant to mucous membranes. Repeated exposure may cause narcosis..
Ingestion: HARMFUL OR FATAL IF SWALLOWED.

Medical Conditions Generally Aggravated by Exposure:

N/D

Other Health Warnings:

Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
1,2,4-Trimethylbenzene	95-63-6	3.0 - 7.0	
Aliphatic Hydrocarbon Solvent	8052-41-3	40.0 - 70.0	
Carbon dioxide	124-38-9	3.0 - 4.0	
Dimethyl Polysiloxane	63148-62-9	3.0 - 7.0	
Ethylbenzene	100-41-4	0.1 - 1.0	
Hydrocarbon Fluid	64742-47-8	10.0 - 30.0	
Isopropylbenzene	98-82-8	1.0 - 5.0	
Low Odor Base Solvent	64742-96-7	10.0 - 30.0	
Naphthalene	91-20-3	0.1 - 1.0	
Naphthenic Petroleum Distillate	64742-52-5	3.0 - 7.0	

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Trimethyl benzene	25551-13-7	7.0 - 13.0

IV. First Aid Measures:

Emergency and First Aid Procedures:

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.
Skin Contact: Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.
Inhalation: Remove to fresh air. If breathing becomes difficult give oxygen and get prompt medical attention. If breathing stops, give artificial respiration and get prompt medical attention.
Ingestion: DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately. Aspiration of vomitus into the lungs can cause pneumonitis, which can be fatal.

Note to Physicians:

N/E

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Water Fog, Foam, Carbon Dioxide, Dry Chemical

Unsuitable Extinguishing Media:

Do not use forced water stream as this could cause the fire to spread.

Products of Combustion:

Normal products of combustion, smoke, carbon dioxide, carbon monoxide, and sulfur trioxides.

Protection of Firefighters:

Wear self-contained positive pressure breathing apparatus and protective clothes. Use shield to protect from rupturing and venting containers. At elevated temperatures containers may vent, rupture or burst, even violently

VI. Accidental Release Measures:

Personal Precautions:

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental Precautions:

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occured. Run off to sewer may create fire or explosion hazard.

Methods for Containment:

Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc).

Methods for Cleanup:

Using a non-metalic scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an explosion proof vacuum to recover material.

Other Information:

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occured. Run off to sewer may create fire or explosion hazard.. Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc). Using a non-metalic scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an explosion proof vacuum to recover material. All equipment used with handling the concentrate must be grounded. If run-off occurs, notify proper authorities as required that a spill has occured.

VII. Handling and Storage:

Handling Precautions:

Handling: Use with adequate ventilation and proper protective equipment.
Do not use near fire, sparks, or flame. Do not puncture or incinerate container.
Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

Storage Precautions:

Flammable. Store in cool, well ventilated area below 120°F away from heat sources, oxidizers and acids. Exposure to temperatures above 120° may cause container to vent, rupture, or burst.

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VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Aliphatic Hydrocarbon Solvent	100 ppm	100 ppm	Not Available
Dimethyl Polysiloxane	N/E	N/E	Not Available
Carbon dioxide	N/AV	5000 ppm	Not Available
Naphthenic Petroleum Distillate	5 mg/m3	5 mg/m3	Not Available
1,2,4-Trimethylbenzene	N/E	25 ppm	Not Available
Ethylbenzene	100 ppm	100 ppm	Not Available
Hydrocarbon Fluid	5 mg/m3	5 mg/m3	Not Available
Trimethyl benzene	25 ppm (TWA)	25 ppm (TWA)	Not Available
Isopropylbenzene	50 ppm	50 ppm	Not Available
Low Odor Base Solvent	N/E	N/E	Not Available
Naphthalene	10 ppm	10 ppm	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:

For prolonged exposure wear protective safety glasses, gloves, and apron.

IX. Physical and Chemical Properties:

Boiling Point: 310°F

Boiling Range: N/D

Solubility In Water: Insoluble

Flash Point: 125°F

Odor Threshold: N/D

Vapor Density (AIR = 1): N/D

pH Range: N/A

Decomposition Temp: N/D

Lower Explosive Limit: N/D

Specific Gravity (H20 = 1): 0.81

Other Information: % VOC: 56.86%

Melting Point: N/A

Freezing Point: N/D

Evaporation Rate (Butyl Acetate = 1): N/D

Flash Point Method: TCC

Appearance and Odor: Clear to slight yellow liquid with petroleum odor.

Vapor Pressure (mm Hg.): N/D

Partition Coefficient: N/D

Auto-Ignition Temp: N/D

Upper Explosive Limit: N/D

X. Stability and Reactivity:

Stability:

Stable

Conditions to Avoid:

See Incompatible Materials below.

Incompatible Materials:

Oxidizing agents and acids.

Hazardous Decomposition Products:

Normal products of combustion, carbon dioxide, smoke and Nitrogen and Sulfur Oxides

Possibility of Hazardous Reactions:

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Will not occur

XI. Toxicological Information:

N/D

XII. Ecological Information:

N/D

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

DOT Subsidiary Hazard Class: Not Available

UN/NA#: Not Available

Packing Group: Not Available

Transportation Information:

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:

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SARA 313 Reportable Chemicals.
1,2,4, Trimethylbenzene 95-63-6
Isopropylbenzene 100-41-4
Ethylbenzene 100-41-4
Naphthalene 91-20-3

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

Warning: This product contains a chemical(s) known to the State of California to cause cancer or birth defects or other reproductive harm.

State RTK Chemicals
Aliphatic hydrocarbon solvent 8052-41-3
Trimethylbenzene 25551-13-7
Ethylbenzene 100-41-4
1,2,4-Trimethylbenzene 95-63-6
Isopropylbenzene 98-82-8
Naphthalene 91-20-3

XVI. Other Information:

Chemical State: [X] Liquid [ ] Gas [ ] Solid

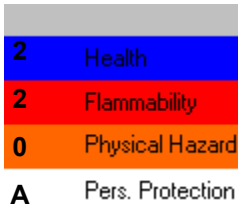
Chemical Type: [ ] Pure [X] Mixture

Hazard Category:

[X] Acute [ ] Chronic [X] Fire
[X] 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.