

MSDS - Material Safety Data Sheet**Product Name: SQUEAL MEDIC (UPC: 078698117713)****MSDS No.: M72502****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:** SQUEAL MEDIC (UPC: 078698117713)**MSDS No.:** M72502**Issue Date:** 08/27/2008**Supersedes Date:** 10/30/2006**II. Hazards Identification:****EMERGENCY OVERVIEW**

Danger: Extremely Flammable. Harmful or Fatal if Swallowed. Vapor Harmful. 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 Symptom below

Signs and Symptoms:

Eye Contact: May cause irritation. Symptoms include stinging, tearing, and redness. Do not rub eyes.

Skin Contact: May cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms include redness, burning, drying and cracking of skin, and skin burns.

Inhalation: May cause respiratory irritation. Symptoms include headache, nausea, fatigue, drowsiness, poor coordination, unconsciousness.

Ingestion: Swallowing product may result in lung inflammation and other lung injury if introduced into the lung.

Medical Conditions Generally Aggravated by Exposure:

Not Known

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
Aliphatic Hydrocarbon Solvent	8052-41-3	1-5	
Aliphatic Hydrocarbon Solvent	8052-41-3	1-5	
Aluminum (fume or dust)	7429-90-5	1-5	
Aluminum (fume or dust)	7429-90-5	1-5	
Hydrocarbon Fluid	64742-47-8	7-13	
Hydrocarbon Fluid	64742-47-8	7-13	
Liquefied Petroleum Gas	68476-86-8	40-70	
Liquefied Petroleum Gas	68476-86-8	40-70	

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n-Hexane

110-54-3

15-40

n-Hexane

110-54-3

15-40

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.

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

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:

Carbon Monoxide, Carbon Dioxide, and hydrocarbons.

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:

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 occurred. 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-metallic 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:

If run-off occurs, notify proper authorities as required that a spill has occurred.

VII. Handling and Storage:

Handling Precautions:

Use with adequate ventilation and proper protective equipment.

Do not use or store near fire, sparks, or open flame. Do not puncture or incinerate container. Exposure to temperatures above 120° may cause container to vent, rupture, or burst.

Storage Precautions:

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!

VIII. Exposure Controls/Personal Protection:

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Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Aliphatic Hydrocarbon Solvent	100 ppm	100 ppm	Not Available
Aluminum (fume or dust)	5 mg/m3	5 mg/m3	Not Available
Hydrocarbon Fluid	5 mg/m3	5 mg/m3	Not Available
n-Hexane	50 ppm	50 ppm	Not Available
Liquefied Petroleum Gas	N/E	1000 ppm	Not Available
Aliphatic Hydrocarbon Solvent	100 ppm	100 ppm	Not Available
Aluminum (fume or dust)	5 mg/m3	5 mg/m3	Not Available
Hydrocarbon Fluid	5 mg/m3	5 mg/m3	Not Available
n-Hexane	50 ppm	50 ppm	Not Available
Liquefied Petroleum Gas	N/E	1000 ppm	Not Available

Engineering Controls:

See above Section 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:** > 100°F**Boiling Range:** Not Available**Solubility In Water:** Insoluble**Flash Point:** < 0°F**Odor Threshold:** Not Available**Vapor Density (AIR = 1):** N/D**pH Range:** Not Available**Decomposition Temp:** Not Available**Lower Explosive Limit:** 1.9%**Specific Gravity (H2O = 1):** 0.75**Other Information:** Aerosol vapor pressure: 65 - 75 psig.**Melting Point:** N/A**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** > 1.0**Flash Point Method:** TCC**Appearance and Odor:** Aluminum Colored Liquid with Petroleum Odor.**Vapor Pressure (mm Hg.):** N/D**Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** 9.5%**X. Stability and Reactivity:****Stability:**

Product is stable

Conditions to Avoid:

See Incompatible Material below.

Incompatible Materials:

Avoid contact with strong oxidizers.

Hazardous Decomposition Products:

Carbon Monoxide, Carbon Dioxide, and hydrocarbons.

Possibility of Hazardous Reactions:

Will not occur.

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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:**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-E, S-U

XV. Regulatory Information:

SARA 313 Reportable Chemicals.

Aluminum (7429-90-5)

n-Hexane (110-54-3)

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

State RTK Chemicals:

Aluminum (7429-90-5)

n-Hexane (110-54-3)

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☒ 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.

1	Health
4	Flammability
0	Physical Hazard
A	Pers. Protection