

**MSDS - Material Safety Data Sheet****Product Name: TITE SEAL RUBBERIZED AUTO BODY UNDERCOATING**

MSDS No.: T1617R

**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:** TITE SEAL RUBBERIZED AUTO BODY UNDERCOATING**MSDS No.:** T1617R**Issue Date:** 03/08/2010**Supersedes Date:** 10/01/2008**II. Hazards Identification:****EMERGENCY OVERVIEW**

DANGER: Extreme Flammable. Harmful or Fatal if Swallowed. Eye 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):**

Chronic Hazards: over exposure may cause nervous system, lung, or kidney damage.

**Signs and Symptoms:**

Eye Contact: Direct spray of vapors may be irritating or harmful to eyes.

Skin Contact: Prolonged contact 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:**

N/E

**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  | 10.0 - 30.0 |              |
| Asphalt                       | 8052-42-4  | 10.0 - 30.0 |              |
| Calcium carbonate             | 1317-65-3  | 30.0 - 60.0 |              |
| Liquefied Petroleum Gas       | 68476-86-8 | 10.0 - 30.0 |              |
| Toluene                       | 108-88-3   | < 10.0      |              |

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

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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.

**Note to Physicians:**

N/D

#### ***V. Fire Fighting Measures:***

**Suitable Extinguishing Media:**

Water Fog, Foam, Carbon Dioxide, Dry Chemical

**Unsuitable Extinguishing Media:**

Wear self-contained, positive pressure breathing apparatus and protective clothes. Cool containers exposed to heat with water fog.

**Products of Combustion:**

Use shield to protect from venting, rupturing, or bursting cans.

**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:**

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.

#### ***VII. Handling and Storage:***

**Handling Precautions:**

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

**Storage Precautions:**

Avoid contact with strong oxidizing agents.

#### ***VIII. Exposure Controls/Personal Protection:***

| <b>Chemical Name</b>          | <b>OSHA PEL</b>     | <b>ACGIH TLV</b>    | <b>Other Limits</b>  |
|-------------------------------|---------------------|---------------------|----------------------|
| Asphalt                       | 5 mg/m <sup>3</sup> | 5 mg/m <sup>3</sup> | Not Available        |
| Aliphatic Hydrocarbon Solvent | 100 ppm             | 100 ppm             | Not Available        |
| Liquefied Petroleum Gas       | N/E                 | 1000 ppm            | Not Available        |
| Toluene                       | 100 PPM             | 100 PPM             | Not Available        |
| Calcium carbonate             | N/E                 | N/E                 | 10 mg/m <sup>3</sup> |

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### 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:** N/A

**Boiling Range:** Not Available

**Solubility In Water:** Soluble

**Flash Point:** < -30°F

**Odor Threshold:** Not Available

**Vapor Density (AIR = 1):** > 1

**pH Range:** Not Available

**Decomposition Temp:** Not Available

**Lower Explosive Limit:** N/D

**Specific Gravity (H2O = 1):** 1.04

**Other Information:** Vapor Pressure: 55-75

VOC Content: 40.0%

**Melting Point:** N/A

**Freezing Point:** Not Available

**Evaporation Rate (Butyl Acetate = 1):** < 1

**Flash Point Method:** TCC

**Appearance and Odor:** Black wet film with asphaltic odor.

**Vapor Pressure (mm Hg.):** N/A

**Partition Coefficient:** Not Available

**Auto-Ignition Temp:** Not Available

**Upper Explosive Limit:** N/D

## X. Stability and Reactivity:

### Stability:

Stable

### Conditions to Avoid:

See Incompatible Materials below.

### Incompatible Materials:

Avoid contact with strong oxidizing agents

### Hazardous Decomposition Products:

Carbon Monoxide, Carbon Dioxide

### Possibility of Hazardous Reactions:

Will not occur

## XI. Toxicological Information:

No data available.

## XII. Ecological Information:

No data available

## 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

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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 purpose.

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:**

SARA 313 Reportable Chemicals:

Toluene 108-88-3

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:

Asphalt 8052-42-4

Stoddard Solvent 8052-41-3

Toluene 108-88-3

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

**Hazard Category:**

 Acute  Chronic  Fire  Reactive  
 Pressure
**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:**

|   |                  |
|---|------------------|
| 2 | Health           |
| 4 | Flammability     |
| 0 | Physical Hazard  |
| B | Pers. Protection |

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