

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

MSDS No.: T1616

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 PAINTABLE AUTO BODY UNDERCOATING**MSDS No.:** T1616**Issue Date:** 09/30/2008**Supersedes Date:** 05/31/2006**II. Hazards Identification:****EMERGENCY OVERVIEW**

DANGER: Extremely 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:

None Determined

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 Petroleum Distillate	8032-32-4	7.0 - 13.0	
Dibutyl phthalate	84-74-2	1.0 - 5.0	
Liquefied Petroleum Gas	68476-86-8	10.0 - 30.0	
Methyl acetate	79-20-9	7.0 - 13.0	
Toluene	108-88-3	7.0 - 13.0	

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

MSDS - Material Safety Data Sheet

Product Name: TITE SEAL PAINTABLE AUTO BODY UNDERCOATING

MSDS No.: T1616

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:

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

Products of Combustion:

Carbon Monoxide, Carbon Dioxide

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:

Wash hands before contacting food. Use good hygiene practices.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Liquefied Petroleum Gas	N/E	1000 ppm	Not Available
Toluene	100 PPM	100 PPM	Not Available
Aliphatic Petroleum Distillate	300 ppm	N/E	Not Available
Methyl acetate	200 ppm	200 ppm	Not Available
Dibutyl phthalate	5mg/m3	5 mg/m3	Not Available

MSDS - Material Safety Data Sheet

Product Name: TITE SEAL PAINTABLE AUTO BODY UNDERCOATING

MSDS No.: T1616

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: Negligible

Flash Point: < -30°F

Odor Threshold: Not Available

Vapor Density (AIR = 1): > 1

pH Range: Not Available

Decomposition Temp: Not Available

Lower Explosive Limit: 1.0%

Specific Gravity (H2O = 1): 1.02

Other Information: Freeze Point: 32 F

Vapor Pressure: 55-75

VOC Content: 39.9%

Melting Point: N/A

Freezing Point: Not Available

Evaporation Rate (Butyl Acetate = 1): < 1

Flash Point Method: Pensky-Martens C.C.

Appearance and Odor: Black wet film with solvent odor.

Vapor Pressure (mm Hg.): N/A

Partition Coefficient: Not Available

Auto-Ignition Temp: Not Available

Upper Explosive Limit: 16.0%

X. Stability and Reactivity:

Stability:

Stable

Conditions to Avoid:

See Incompatibility Materials below

Incompatible Materials:

Incompatibility: Strong Acids, Alkalis, oxidizers, and amines.

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

MSDS - Material Safety Data Sheet

Product Name: TITE SEAL PAINTABLE AUTO BODY UNDERCOATING

MSDS No.: T1616

DOT Hazard Class: Not Available

DOT Subsidiary Hazard Class: Not Available

UN/NA#: Not Available

Packing Group: Not Available

Transportation Information:

Domestic Ground:
 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:

SARA 313 Reportable Chemicals.
 Toluene 108-88-3
 Dibutyl Phthalate 84-74-2

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
 VM&P Naphtha 8032-32-4
 Toluene 108-88-3
 Methyl Acetate 79-20-9

XVI. Other Information:

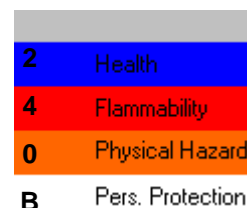
Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture
Hazard Category:
 Acute Chronic Fire
 Pressure Reactive



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



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