

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
Emergency Contact: Rocky Mountain Poison Control Center
Emergency Telephone Number: 303-623-5716
Contact: Robert Geer
Information Telephone Number: 704-688-3430



Last Update: 05/31/2006

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

2	Health
4	Flammability
0	Reactivity
B	Pers. Protection

II. Ingredients:

Trade Secret (N/D = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
8032-32-4	Aliphatic Petroleum Distillate	7.0 - 13.0							300 ppm	N/E	
84-74-2	Dibutyl phthalate	1.0 - 5.0					X		5mg/m3	5 mg/m3	
68476-86-8	Liquefied Petroleum Gas	10.0 - 30.0							N/E	1000 ppm	
79-20-9	Methyl acetate	7.0 - 13.0							200 ppm	200 ppm	
108-88-3	Toluene	7.0 - 13.0					X		100 PPM	100 PPM	

III. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

DANGER: Extremely Flammable. Harmful or Fatal if Swallowed. Eye Irritant, Contents Under Pressure.

Level 3 Aerosol

IV. First Aid Measures:

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:

MSDS - Material Safety Data Sheet

Product Name: TITE SEAL PAINTABLE AUTO BODY UNDERCOATING

MSDS No.: T1616

None Determined

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.

Other Health Warnings:

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

V. Fire Fighting Measures:

Flash Point: < -30°F

Lower Explosive Limit: 1.0%

Upper Explosive Limit: 16.0%

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 exposed to heat with water fog.

Unusual Fire and Explosion:

Use shield to protect from venting, rupturing, or bursting cans as containers can build up pressure. Vapors can travel to a source of ignition and flash back.

VI. Accidental Release Measures:

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

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc). 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. 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:

Precautions to be Taken:

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.

Other Precautions:

Wash hands before contacting food. Use good hygiene practices.

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.

MSDS - Material Safety Data Sheet

Product Name: TITE SEAL PAINTABLE AUTO BODY UNDERCOATING

MSDS No.: T1616

Personal Protective Equipment:

See Section 2 for applicable exposure limits. For prolonged exposure wear protective safety glasses, gloves, and apron.

IX. Physical and Chemical Properties:

Boiling Point: N/A

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): < 1

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H2O = 1): 1.01730

Vapor Density (AIR = 1): > 1

Solubility In Water: Negligible

Appearance and Odor: Black wet film with solvent odor.

Other Information: Freeze Point: 32 F

Vapor Pressure: 55-75

VOC Content: 39.9%

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

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

Decomposition/By Products:

Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization:

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:

DOT Hazard Class: ORM-D

Shipping Name: Consumer Commodity

XV. Regulatory Information:

MSDS - Material Safety Data Sheet

Product Name: TITE SEAL PAINTABLE AUTO BODY UNDERCOATING

MSDS No.: T1616

See Section 2 for SARA Reportable Chemicals.

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

NJ RTK

VM&P Naphtha 8032-32-4

Toluene 108-88-3

Methyl Acetate 79-20-9

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.