

MSDS - Material Safety Data Sheet

Product Name: STEERSEAL

MSDS No.: M1712

I. Basic Information:

Manufacturer: RADIATOR SPECIALTY COMPANY
Address: P.O. BOX 159, 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: 05/06/2003

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

2	Health
1	Flammability
1	Reactivity
H	Pers. Protection

II. Ingredients:

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313	OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z					
64742-95-6	Aromatic Petroleum Distillate	10.0-30.0					X		25 ppm	
63449398	Chlorinated Paraffin	10.0-30.0					X	N/E	N/E	
64742525	Naphthenic Petroleum Distillate	40.0-70.0						5 mg/m3	5 mg/m3	

III. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Danger: Harmful or fatal if swallowed. Eye and skin irritant. Combustible.

IV. First Aid Measures:

Route(s) of Entry:

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

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. May cause nausea or stomach cramps.

Medical Conditions Generally Aggravated by Exposure:

MSDS - Material Safety Data Sheet

Product Name: STEERSEAL

MSDS No.: M1712

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 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: 141F

Lower Explosive Limit: N.D.

Upper Explosive Limit: N.D.

F.P. Method: TCC

Fire Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures:

MSDS - Material Safety Data Sheet

Product Name: STEERSEAL

MSDS No.: M1712

Wear self-contained positive pressure breathing apparatus and protective clothes. Cool containers with a water fog.

Closed containers exposed to heat may rupture and may give off some irritating fumes.

Aerosol containers are under pressure and may burst when heated.

Vapor accumulation can flash or explode if ignited.

Contents under pressure

Contents under pressure. At elevated temperatures, container may vent, rupture, or burst violently.

Keep container cool. Use equipment or shielding to protect personnel against venting, rupturing, or bursting containers.

Over exposure to decomposition products may cause a health hazard.

Methanol should be considered a moderate explosion hazard, and dangerous fire hazard.

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

Vapors are heavier than air and may travel to distant ignition sources.

Vapors may form explosive mixture with air.

Contents under pressure. May explode when heated. Vapors of this product may present a future health hazard in poorly ventilated areas. May liberate corrosive hydrochloric acid or toxic phosgene fumes.

Reacts rapidly with acids.

May produce dense smoke.

May emit dense acrid fumes and smoke.

May liberate toxic acrylonitrile.

Unusual Fire and Explosion:

None Known

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.

MSDS - Material Safety Data Sheet

Product Name: STEERSEAL

MSDS No.: M1712

VII. Handling and Storage:

Precautions to be Taken:

Store in cool place below 120°F away from acids, ignition sources, and oxidizing agents. Handling: Use with adequate ventilation and proper protective equipment.

Other Precautions:

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

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: >350F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): ND

Vapor Pressure (mm Hg.): ND

Specific Gravity (H₂O = 1): 0.91500

Vapor Density (AIR = 1): ND

Solubility In Water: Insoluble

Appearance and Odor: Amber liquid with a petroleum odor

Other Information: % Volatiles by weight - 50%
Soluble in solvent

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Oxidizing agents and acids. Keep away from high temperatures and open flames.

Decomposition/By Products:

Normal products of combustion, carbon dioxide, carbon monoxide, and acrid smoke.

Hazardous Polymerization:

No

XI. Toxicological Information:

N/D

XII. Ecological Information:

N/D

MSDS - Material Safety Data Sheet

Product Name: STEERSEAL

MSDS No.: M1712

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:

DOT Shipping Name: Not DOT regulated.
DOT Hazard Class: None

XV. Regulatory Information:

See Section 2 for SARA Reportable Chemicals.

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 and birth defects or other reproductive harm.

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.