

**MSDS - Material Safety Data Sheet****Product Name: SOLDER SEAL/GUNK TIRE BRITE EXTREME SHINE****MSDS No.: TS15****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:** SOLDER SEAL/GUNK TIRE BRITE EXTREME SHINE**MSDS No.:** TS15**Issue Date:** Not Available**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

Extremely Flammable. Harmful or Fatal if Swallow. 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, skin, Inhalation, and Ingestion.

**Health Hazards (Acute and Chronic):**

See signs and symptoms below.

**Signs and Symptoms:**

May cause irritation to the eyes, nose, throat, lungs, and skin after prolonged or repeated exposure.

Eye contact: Irritant, prolonged contact may cause conjunctivitis.

Skin contact: Irritant, causes defatting of tissue, dermatitis may occur.

Inhalation: Irritant to mucous membranes. Repeated exposure may cause narcosis.

Ingestion: Harmful or Fatal if Swallowed.

**Medical Conditions Generally Aggravated by Exposure:**

None 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
1,2,4-Trimethylbenzene	95-63-6	1.0 - 5.0	
2-Propanone	67-64-1	30.0 - 60.0	
Aromatic Petroleum Distillate	64742-95-6	5.0 - 10.0	
Carbon dioxide	124-38-9	5.0 - 10.0	
Dimethyl Polysiloxane	63148-62-9	7.0 - 13.0	
Isopropylbenzene	98-82-8	0.1 - 1.0	
Low Odor Base Solvent	Proprietary	10.0 - 30.0	
Xylene (mixed isomers)	1330-20-7	0.1 - 1.0	

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### ***IV. First Aid Measures:***

#### **Emergency and First Aid Procedures:**

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids and 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.

#### **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:**

Normal products of combustion, carbon dioxide, smoke and Nitrogen and Sulfur Oxides

#### **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:**

Eliminate all ignition sources. 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 and proper protective equipment. Avoid breathing vapors. Avoid contact with eyes and skin. Do not use near fire, sparks, or open flame.. Product will be slippery when spilled on floor. Avoid prolonged contact with product. Wash thoroughly after handling.

#### **Storage Precautions:**

Do not store near fire, sparks, or open flame and oxidizing materials. Exposure to temperatures above 120°F may cause container to vent, rupture or burst. Do not store with strong oxidizing agents.

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

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Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Dimethyl Polysiloxane	N/E	N/E	Not Available
2-Propanone	1000 ppm	750 ppm	Not Available
Carbon dioxide	N/AV	5000 ppm	Not Available
Low Odor Base Solvent	N/E	N/E	Not Available
Aromatic Petroleum Distillate	N/E	25 ppm	Not Available
1,2,4-Trimethylbenzene	N/E	25 ppm	Not Available
Xylene (mixed isomers)	100 ppm	100 ppm	Not Available
Isopropylbenzene	50 ppm	50 ppm	Not Available

**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/D**Boiling Range:** Not Available**Solubility In Water:** Slightly Miscible**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:** 1.8**Specific Gravity (H2O = 1):** 0.80**Other Information:** VOC Content: 8.7%**Melting Point:** N/A**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** > 1.0**Flash Point Method:** TCC**Appearance and Odor:** Hazy slightly viscous liquid spray with solvent 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:**

Stable

**Conditions to Avoid:**

Do not store or use near fire, sparks, or open flame

**Incompatible Materials:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Normal products of combustion, carbon dioxide, smoke and Nitrogen and Sulfur Oxides

**Possibility of Hazardous Reactions:**

Will not occur

**XI. Toxicological Information:**

N/D

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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**UN/NA#:** Not Available**DOT Subsidiary Hazard Class:** 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 all shipping purposes.

CAO/IATA (US)

UN number 1950

Shipping Name: Aerosols

Class: 2.1

International:

ICAO/IATA

UN number: UN1950

Shipping Name: Aerosols

Class: 2.1

IMDG

UN number: 1950

Shipping Name: Aerosols

Class: 2

EMS: F-D, S-U

**XV. Regulatory Information:**

SARA 313 Reportable Chemicals:

Aromatic Petroleum Distillate 64742-95-6

1,2,4-Trimethylbenzene 95-63-6

Xylene 1330-20-7

Isopropyl benzene 98-82-8

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

State RTK Chemicals:

2-Propanone 67-64-1

Xylene 1330-20-7

Isopropyl benzene 98-82-8

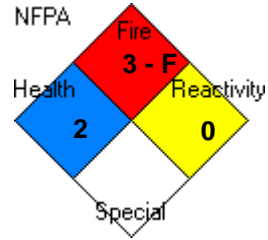
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### XVI. Other Information:

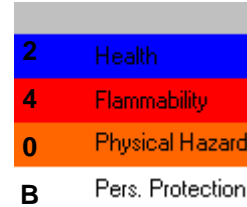
- Chemical State:**  Liquid  Gas  Solid
- Chemical Type:**  Pure  Mixture
- Hazard Category:**
- Acute  Chronic  Fire  Pressure  Reactive



#### 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



#### 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.