

MSDS - Material Safety Data Sheet

Product Name: BOILER SEAL POWDER

MSDS No.: B167

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:

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Issue Date: 07/09/2009

Supersedes Date: 03/21/2005

II. Hazards Identification:

EMERGENCY OVERVIEW

Caution: Eye and Skin Irritant,

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:

Inhalation and Ingestion.

Health Hazards (Acute and Chronic):

See signs and symptoms below

Signs and Symptoms:

Eye Contact: Eye irritant

Skin Contact: Product may cause irritation to the skin upon prolonged contact

Inhalation: Dust will cause irritation.

Ingestion: Can cause nausea, vomiting, and diarrhea

Medical Conditions Generally Aggravated by Exposure:

None Known

Other Health Warnings:

None Known

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Aluminum (fume or dust)	7429-90-5	2-3	
Organic fibers	Not Available	85-95	
Soap Powder	Not Available	5-7	

IV. First Aid Measures:

Emergency and First Aid Procedures:

EYE CONTACT Flush with water for at least 15 minutes while lifting eyelids. Consult a physician if irritation persists..

SKIN CONTACT Wash with soap and water.

INHALATION Move to fresh air, provide ventilation to

remove dust from area.

INGESTION Do not induce vomiting! Call Poison Contro Center, Physician, or Hospital Emergency room immediately.

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Note to Physicians:

N/E

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Water Fog, Foam, Carbon Dioxide, Dry Chemical

Unsuitable Extinguishing Media:

None

Products of Combustion:

Normal products of combustion. Dust explosions are possible under optimum conditions

Protection of Firefighters:

Wear self-contained positive pressure breathing apparatus and protective clothes.

VI. Accidental Release Measures:

Personal Precautions:

Wear appropriate personal protective equipment.

Environmental Precautions:

Prevent material from entering sewers, streams, or other bodies of water.

Methods for Containment:

Sweep material into a pile.

Methods for Cleanup:

Using a scoop, place contaminated material into an approved chemical waste container.

Other Information:

None

VII. Handling and Storage:

Handling Precautions:

Wash hands after handling.

Storage Precautions:

Store in cool and dry area. Keep container closed tightly when not in use.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Organic fibers	Not Available	Not Available	Not Available
Soap Powder	Not Available	Not Available	Not Available
Aluminum (fume or dust)	5 mg/m3	5 mg/m3	Not Available

Engineering Controls:

Maintain adequate ventilation. If TLV is exceeded, wear approved dust mask.

Personal Protective Equipment:

For prolonged exposure to the material, wear safety glasses, gloves, and apron.

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IX. Physical and Chemical Properties:**Boiling Point:** N/A**Boiling Range:** Not Available**Solubility In Water:** Soluble**Flash Point:** N/A**Odor Threshold:** Not Available**Vapor Density (AIR = 1):** N/A**pH Range:** Not Available**Decomposition Temp:** Not Available**Lower Explosive Limit:** N/A**Specific Gravity (H2O = 1):** Not Available**Other Information:** N/D**Melting Point:** N/A**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** N/A**Flash Point Method:** N/A**Appearance and Odor:** Silver colored, dust-less powder, bland odor.**Vapor Pressure (mm Hg.):** N/A**Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** N/A**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

See incompatible material below.

Incompatible Materials:

Oxidizers

Hazardous Decomposition Products:

Normal products of combustion

Possibility of Hazardous Reactions:

Will not occur

XI. Toxicological Information:

Not Determined

XII. Ecological Information:

Not Determined

XIII. Disposal Considerations:

Dispose of in accordance with all applicable government laws and regulations.

XIV. Transport Information:**Shipping Name:** Not Available**DOT Hazard Class:** Not Available**UN/NA#:** Not Available**Transportation Information:**

DOT Shipping Name: Not DOT regulated.

DOT Hazard Class: None

DOT Subsidiary Hazard Class: Not Available**Packing Group:** Not Available

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XV. Regulatory Information:

SARA Reportable Chemicals.
Aluminum (7429-90-5)

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

State RTK Chemicals:
Aluminum (7429-90-5)

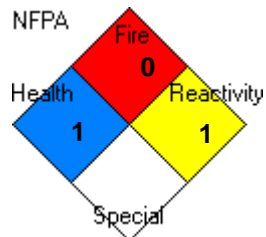
XVI. Other Information:

Chemical State: ☐ Liquid ☐ Gas ☒ Solid

Chemical Type: ☐ Pure ☒ Mixture

Hazard Category:

☒ Acute ☐ Chronic ☐ Fire ☐ Pressure ☐ Reactive



Additional Manufacturer Warnings:

KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established

N/D: Not Determined

N/A: Not Applicable

N/AV: Not Available

1	Health
0	Flammability
1	Physical Hazard
F	Pers. Protection

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.