



SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Mfg. Co. 4540 W. Thomas St. Chicago, IL 60651-3318 Tel.: 800-252-5796 Fax: 773-227-3705 Web Site : www.blackswanmfg.com E-mail : info@blackswanmfg.com	For any Transportation or Medical Chemical Emergencies call: INFOTRAC (800) 535-5053 OR (352) 323-3500 24 hours per day - 7 days a week
Product Name: Powdered Boiler Stop-Leak	Recommended Use: Makes strong repairs on cracked steam or hot water heating boilers.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels None	NFPA HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER Radioactive 	FIRE HAZARD Flash Points 4 – Below 73°F 3 – Below 100°F 2 – Above 100°F, Not exceeding 200°F 1 – Above 200°F 0 – Will not burn REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable	GHS Classification Health Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established
Signal Word None			Physical None
HMIS HEALTH 0 FLAMMABILITY 1 REACTIVITY 0			Hazardous Statements None
			Precautionary Statements P102: Keep out of reach of children P270: Do not eat, drink or smoke when using this product

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
LINSEED MEAL	471-34-15	N/A	N/A	90-95%
ALUMINUM POWDER	7429-900-5	N/A	N/A	5-10%

*Unlisted ingredients are not classified as hazardous according to OSHA 1910.1200.

SECTION 4 – FIRST-AID MEASURES

Inhalation: Move to fresh air. Skin: Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. Eyes: Rinse immediately with plenty of water for at least 15 minutes. Rinse under eyelids as well. If irritation persists contact a physician. Ingestion: Clean mouth with water and afterwards drink plenty of water. Get medical attention if you feel unwell.
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SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: None. Combustion Products: None. Extinguishing Media: As appropriate. Unsuitable Extinguishing Media: None known. Protective Equipment: Wear a self-contained breathing apparatus & protective clothing. Special Fire Fighting Procedures: None.
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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes.
Protective Equipment: None.
Emergency Procedures: None.
Environmental Precautions: Keep product out of sewers and waterways.
Methods for Cleaning Up: Take up mechanically and collect in suitable container for disposal. Clean contaminated surfaces.

SECTION 7 – HANDLING AND STORAGE

Handling

Keep out of reach of children. Handle in accordance with good industrial hygiene and safety practices. Keep away from flames and hot surfaces.

Storage

Keep container tightly closed in a dry, cool and well ventilated place. Keep from freezing. **Incompatible Materials:** Strong oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

This product is not classified as hazardous according to OSHA 1910.1200.

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact. Ventilated system.
Ventilation: Local exhaust adequate.
Personal Protective Equipment – Respiratory: None. **Skin:** Gloves. **Eyes:** Safety glasses.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Greyish-Silver	Flash Point: Not Established	Vapor Pressure: Not Established
Odor: Slight	Specific Gravity: 0.45	Flammability: Not Established
pH: Not Established	Solubility (H2O): Slight	Flammability Limits: LEL – Not Established
Melting Point: Not Established	Evaporation Rate: Not Established	UEL – Not Established
Freezing Point: Not Established	Vapor Density: Not Established	
Boiling Point: Not Established	VOC: 1 g/l	

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Carbon Monoxide, Toxic fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity

This product is not classified as hazardous according to OSHA 1910.1200.

Likely Routes of Exposure: Eye Contact.
Symptoms and Effect – Inhalation: None. **Skin Contact:** May cause skin irritation and/or dermatitis. **Eye Contact:** May cause irritation.
Ingestion: May cause irritation to mucous membrane.
Long-Term Effect: None.
Pre-Existing Conditions: None.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.
Persistence & Degradability: None known.
Bioaccumulative Potential: None known.
Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of 1 g/l.

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SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Not Regulated.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: None.

Risk Phrases: None.

Safety Phrases: S2-Keep out of reach of children.

SECTION 16 – OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Mfg. Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets.

DATE: 01/01/2025