



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: <p style="text-align: center;">INFOTRAC</p> <p style="text-align: center;">(800) 535-5053 OR (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
Product Name: Liquid Boiler Stop-Leak	Recommended Use: Makes strong repairs on cracked steam or hot water heating boilers.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels None	NFPA	GHS Classification	
Signal Word None	<p>HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material</p> <p>SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER Radioactive</p>	Health	Environmental
HMIS		<p>Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO</p>	<p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p>
		Physical None	
		Hazardous Statements	Precautionary Statements
		H303: May be harmful if swallowed H315: Causes skin irritation H320: Causes eye irritation	P102: Keep out of reach of children P264: Wash thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemicals</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>REACH</u> <u>Pre-registration Number</u>	<u>Approx %</u>
SODIUM SILICATE	1344-09-8	N/A	N/A	30-50%
LINSEED MEAL	471-34-1	N/A	N/A	2-5%

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

SECTION 4 – FIRST-AID MEASURES

<p>Inhalation: None.</p> <p>Skin: Wash off with warm water and soap. If skin irritation persists, call a physician.</p> <p>Eyes: Rinse thoroughly with plenty of water, also under eyelids. If eye irritation persists, consult a specialist.</p> <p>Ingestion: Clean mouth with water. DO not induce vomiting. Get medical attention.</p>
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SECTION 5 – FIRE-FIGHTING MEASURES

<p>Fire Hazard: None.</p> <p>Combustion Products: None.</p> <p>Extinguishing Media: As appropriate.</p> <p>Unsuitable Extinguishing Media: None known.</p> <p>Protective Equipment: Wear a self-contained breathing apparatus & protective clothing.</p> <p>Special Fire Fighting Procedures: None.</p>

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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: Cover liquid spill with sand, earth or other noncombustible absorbent material. Take up mechanically and collect in suitable container for disposal. After cleaning, flush away traces with water.

SECTION 7 – HANDLING AND STORAGE

Handling

Keep out of reach of children. Handle in accordance with good industrial hygiene and safety practices.

Storage

Keep container tightly closed in a dry, cool and well ventilated place. Keep from freezing. **Incompatible Materials:** None.

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.

Ventilation: Local exhaust adequate.

Personal Protective Equipment – Respiratory: None. **Skin:** None. **Eyes:** Avoid contact, if needed use safety glasses.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Red Brown	Flash Point:	Not Established	Vapor Pressure:	Not Established
Odor:	Slight	Specific Gravity:	1.20	Flammability:	Not Established
pH:	Not Established	Solubility (H₂O):	Soluble	Flammability Limits:	LEL – Not Established UEL – Not Established
Melting Point:	32°F	Evaporation Rate:	Not Established		
Freezing Point:	Not Established	Vapor Density:	Not Established		
Boiling Point:	214°F	VOC:	0 g/l		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: None.

Incompatible materials: None.

Hazardous decomposition products: Carbon Monoxide, Carbon Dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity

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

Likely Routes of Exposure: Skin Contact and Eye Contact.

Symptoms and Effect – Inhalation: None. **Skin Contact:** Substance may cause slight skin irritation. **Eye Contact:** Contact with eyes may cause irritation. **Ingestion:** None.

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 0 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: 01/01/2015