

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BOILER STOP LEAK (BSL)

EMERGENCY PHONE: 1-800-424-9300					VII - PRECAUTIONS FOR SAFE HANDLING AND USE																								
May be used to comply with OSHA'S Hazard Communications Standard (HSC) 29 CFR 1910, 1200. Standard must be consulted for specific requirements. This product contains no substances subject to SARA TITLE III and 40 CFR.					HEALTH FLAMMABILITY REACTIVITY					HMIS SYMBOLS 0 2 0																			
					STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED: Keep all sources of ignition and hot metal surfaces away from spill/release. Stay upwind and away from spill/release. Isolate hazard area and limit entry to emergency crew only. stop spill/release if it can be done without risk. Wear appropriate protective equipment including respiratory protection conditions warrant. Prevent spilled material from entering sewers, storm drains, and natural waterways. Dike far ahead of spill for later recovery and dispose. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state, and local agencies. If spill/release is excess of EPA reportable quantity. immediately notify the Nation Response Center.																								
					WASTE DISPOSAL METHOD: Dispose according to local, state, and federal regulations. Materials may become hazardous through use.																								
1 - IDENTIFICATION										VIII - SPECIAL PROTECTION INFORMATION																			
PRODUCT NAME: BSL - BOILER STOP LEAK					PACKAGE TYPE: 32oz					RESPIRATORY: the use of respiratory protection is advised when concentrates exceed the established exposure limits. Depending on the airborne concentration use a respirator or gas mask with appropriate cartridges or canisters (NIOSH approved) or supplied air																			
PREPARED DEPARTMENT OF HAZARDOUS COMMUNICATIONS					DATE PREPARED: June 2003					EYE: Goggles																			
II - HAZARDOUS INGREDIENTS																													
PRINCIPLE HAZARDOUS COMPONENT(S) (CHEMICAL NAMES)			CAS NO		ACGIH TLV		OSHA PEL		% or RANGE		SKIN: Gloves advised					PROTECTIVE GLOVES: Impermeable gloves													
Sodium Silicate			1344-09-8		NE		NE																						
III - PHYSICAL DATA										OTHER: Do not eat or drink in work area. Wash hands before eating																			
BOILING POINT (°F) : 2140F					SPECIFIC GRAVITY (H ₂ O= 1) : 1.4																								
VAPOR PRESSURE (mm Hg) : N/A					MELTING POINT: N/E					VENTILATION REQUIREMENTS: If current ventilation practices are not adequate to maintain airborne concentration below established exposure limits, addition ventilation or exhaust systems may be required																			
VAPOR DENSITY (Air = 1) : N/E					EVAPORATION RATE (H ₂ O = 1) : N/A																								
pH : 13.0					APPEARANCE AND ODOR : Brown liquid with amine odor					IX - SPECIAL PRECAUTIONS																			
SOLUBILITY IN WATER : 100										PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not get into eyes, skin, or clothing. Do not breathe vapors mist or gas. Keep container stightly closed, cool, dry, and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good housekeeping and personal hygiene procedures. Bond and ground equipment when transferring to another container. Empty containers contain residue (liquid and vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and death. Empty drums should be completely drained, properly bunged, and promptly shipped to supplier or drum reconditioned. All other containers should be disposed of in an environmentally safe manner and in accordance with government regulations. Before working in or on tanks which contain or pertaining to cleansing, repairing, welding, or other contemplated operations.																			
IV - FIRE & EXPLOSION HAZARD DATA																													
FLAMMABILITY as per CPSC FLAME EXTENTION TEST: Flash Point = N/E																													
SPECIAL FIRE FIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant. Stop																													
UNUSUAL FIRE AND EXPLOSION HAZARDS: May decompose during contact with flames, heating elements, or in combustion engines releasing irritati																													
V - REACTIVITY DATA																													
CHEMICAL STABILITY		UNSTABLE				CONDITIONS TO AVOID: Sparks and other sources of ignition								SPECIAL PRECAUTIONARY STATEMENTS: The above information is useful when container is 55 gallon or multipliers, normal size package (4oz - 1gal) constitutes a similar reduction in hazards. Keep this and all chemicals out of reach of children.															
INCOMPATIBILITY (Materials to avoid): oxidizing agents, strong acids, and bases										NOTICE: We believe that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, expressed or implied, of merchantability fitness or otherwise is made.																			
HAZARDOUS DECOMPOSITION PRODUCTS: thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide																													
HAZARDOUS POLYMERIZATION		MAY OCCUR				CONDITIONS TO AVOID:																							
		WILL NOT OCCUR		X																									
VI - HEALTH HAZARD AREA										X - REGULATORY INFORMATION AND REFERENCES																			
ROUTE(S) OF ENTRY:					EYES Yes		SKIN Yes		INGESTION Yes		INHALATION Yes					SARA Title III Reporting Requirements													
EFFECTS OF OVER EXPOSURE:										302										(Extremely Hazardous Substances): Reporting not required.									
INHALATION: Possible irritation of upper respiratory tract										304/CERCLA										(Spills Notification): Not required.									
SKIN CONTACT/ABSORPTION: Continuous contact with this material may cause irritation of skin. Chemical itself is an irritant or sensitizer										311										Community Right-To-Know, RTK): Reporting required.									
INGESTION: In large quantities, may cause irritation of digestive tract, sign of nervous system depression, such as headaches, drowsiness, loss of concentration, fatigue, and nausea										312										(RTK Inventory Data): Reporting required, Acute health hazard, irritating.									
EYES: Components of this material may be an eye irritant										313										(Emissions and Releases): Reporting not required.									
CARCINOGENICITY:										DOT										NOT HAZARDOUS									
EMERGENCY AND FIRST AID PROCEDURES:																				References									
EYES AND SKIN: EYES - Move person to fresh air and away from exposure. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact hold eyelids apart for at least 15 minutes. SKIN - Remove contaminated shoes and clothing and cleanse affected area										TOXIC SUBSTANCE CONTROL CT LIST (TSCA) - INGREDIENTS LISTED										PERMISSIBLE EXPOSURE REFERENCES:									
INHALATION: Move victim to fresh air. If not breathing, start artificial respiration. Get IMMEDIATE MEDICAL ATTENTION										Registry of Toxic Effects of Chemical Substances.										Title 29 Code of Federal Regulations.									
INGESTION: If ingested, seek emergency medical attention IMMEDIATELY. Do NOT give any thing by mouth, Call Poison Control Center.										National Toxicology Program (NTP) Report on Carcinogens.										International Agency for Research on Cancer (IARC) Monographs.									
										Title 40 Code of Federal Regulations										REGULATORY STANDARDS:									
										DOT Title 49 Code of Federal Regulations 172.101										SARA Title III									
										Nuclear Regulatory Commission																			