MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Bio-Foam

PRODUCT NUMBER: 4-1120 (1005733), 4-1122 (1005734) DATE: August 01, 2011

TRADE NAME: Bio-Foam Impression Foam GENERAL USE: Shoe Impression Foam

CHEMICAL FAMILY: Polymeric foam PRODUCT DESCRIPTION:

Blue foam with negligible odor.

MANUFACTURER

Safariland LLC

ADDRESS (NUMBER, STREET, P.O. BOX)

13386 International Parkway

(CITY, STATE AND ZIP CODE) COUNTRY

Jacksonville, FL. 32218 USA

LIGHTNING POWDER'

DATE PREPARED: August 1, 2011

SUPERSEDES: August 27, 2008

800-347-1200

TELEPHONE NUMBER FOR INFORMATION / Customer Service

CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER
1-800-255-3924 01-813-248-0585

1-800-255-3924North America Toll Free International

SECTION 2 - HAZARDS IDENTIFICATION

ChemTel

EMERGENCY OVERVIEW

Product is Non Hazardous and is slightly combustible only at highly elevated temperatures.

POTENTIAL HEALTH EFFECTS

INHALATION:

Unlikely source of entry.

SKIN:

Possible slight irritation may occur in sensitive individuals; this is much more likely to occur after an impression is made and set.

FYFS:

Unlikely source of irritation. Not classed as a primary irritant.

INGESTION:

Unlikely to be ingested.

CARCINOGENICITY:

NTP? **NO** IARC MONOGRAPHS? **NO** OSHA REGULATED? **NO**

CALIFORNIA, Prop.65? NO

SECTION 3 - HAZARDOUS INGREDIENTS					
Hazardous Components	% (by Weight)	CAS#	EINECS#	Hazard Symbol	RISK PHRASES (Full Text Section 15)
None*					

Notes: *Contains no hazardous ingredients as defined by OSHA 29 CFR 1910.1200. According to EC Commission Directive 67/548/EEC this product is not classified.

SECTION 4 - FIRST AID MEASURES

INHALATION:

Unlikely source of entry.

EYES:

Flush with water for 15 minutes occasionally lifting the eyelids. Contact a physician if irritation persists.

SKIN:

Wash with soap and water if irritation occurs during or after setting process.

INGESTION:

Seek immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Will combust at elevated temperatures.

EXTINGUISHING MEDIA:

Foam, CO2, dry chemical, water.

FIRE FIGHTING PROCEDURES:

Use Self-Contained Breathing Apparatus and avoid breathing smoke. Thoroughly break up bricks and continue to extinguish flames, as center can continue to smolder.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Combustion occurs at the center of the brick and due to the insulating effect of the foam, can proceed unnoticed until an appreciable heat build-up occurs.

HAZARDOUS COMBUSTION PRODUCTS:

Combustion produces major amounts of Carbon Monoxide, Carbon Dioxide, Smoke, and Soot.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Pick up product. If undamaged, product may be reused; or if damaged, product may be discarded in normal trash receptacle.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not store above 120°F. Keep away from organic compounds, as they will react with and deform foam. Use with adequate ventilation. Keep in a dry area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

	NIOSH			AC	GIH	OSHA		
HAZARDOUS COMPONENTS	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	PEL mg/m3

Contains no hazardous materials reportable under OSHA 29 CFR 1910.1200 or EC Commission Directive 67/548/EEC.

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Not required in unconfined or well ventilated areas. While setting impressions, use NIOSH or E.U. EN149 standard approved respirators for areas where general ventilation is not possible.

PROTECTIVE GLOVES:

Gloves are advised for the setting process, but aren't generally needed for contact with unused product.

EYE PROTECTION:

Safety glasses should be used during the setting process.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eye wash should be handy during the setting process.

WORK / HYGIENIC PRACTICES:

Employ good, industrial hygiene practices by using adequate ventilation and personal protection, as needed.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE AND ODOR	VAPOR PRESSURE		
Blue foam with negligible odor.	NE		
рН	SPECIFIC GRAVITY (WATER = 1)		
NE	NE		
MELTING POINT	SOLUBILITY IN WATER		
NE	Insoluble		
FLASH POINT	VISCOSITY		
NE	NA		
FLAMMABLE LIMITS	VAPOR DENSITY (AIR = 1)		
LEL: NE UEL: NE	NE		
AUTO-IGNITION TEMPERATURE	EVAPORATION RATE (WATER = 1)		
NE	NE		

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE **X** CONDITIONS TO AVOID:

See Below

INCOMPATIBILITY (MATERIALS TO AVOID):

Common organic substances may react with foam and render it unusable.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

None

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS TO AVOID:

See incompatible materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

	CAS#	LD50 of Ingredient	LC50 of Ingredient
Hazardous Components	EINECS #	(Specify Species and Route)	(Specify Species)

Contains no hazardous materials reportable under OSHA 29 CFR 1910.1200 or EC Commission Directive 67/548/EEC.

SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available for this product. It may be considered non-hazardous.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose of product waste as well as containers in accordance with all local, state and federal regulations.

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SECTION 14 - TRANSPORT INFORMATION

IMDG HAZARD CLASS:

PROPER SHIPPING NAME: Not Regulated for transport.

DOT HAZARD CLASS / Pack Group: Not Regulated IATA HAZARD CLASS / Pack Group: None

REFERENCE:

UN / NA IDENTIFICATION NUMBER: None RID/ADR Dangerous Goods Code: None

LABEL: None UN TDG Class / Pack Group: None

HAZARD SYMBOLS: None Hazard Identification Number (HIN): None

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): No

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act): No
Acute Health: No
Chronic Health: No

Fire: No Sudden Release of Pressure: No

Reactive: No

313 REPORTABLE INGREDIENTS: No

CERCLA (USA - Comprehensive Response Compensation and Liability Act): Not listed.

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: Not listed.

CPR (Canadian Controlled Products Regulations): Not listed

IDL (Canadian Ingredient Disclosure List): Listed.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Components listed on DSL.

EINECS (European Inventory of Existing Commercial Chemical Substances): Referenced.

WGK Water Quality Index:

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:				
None	None		None			
SECTION 16 - OTHER INFORMATION						
Legend: NA= Not applicable, NE= Not established, ND= Not determined.						
HMIS HAZARD RATINGS	HEALTH:	0	0 = INSIGNIFICANT			
	FLAMMABILITY:	0	1 = SLIGHT			
	PHYSICAL HAZARD:	0	2 = MODERATE			
	PERSONAL PROTECTIVE	None Needed	3 = HIGH			
	EQUIPMENT:		4 = EXTREME			

REVISION SUMMARY:

Revised for E.U. protocols 8/1/2011. JTV

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.