

# MATERIAL SAFETY DATA SHEET

MSDS DATE: 03/14/12

## LAG KLOTH™

Per OSHA-recommended ANSI Z400.1-2004 standard format & in accordance with European standard format

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lag Kloth™  
Product Description: Water Activated Repair Cloth - 5" X 150' Blanket  
Product Code: 6426  
Manufacturer: Fiberlock Technologies, Inc.  
Address:  
Fiberlock Technologies  
150 Dascomb Road  
Andover MA, 01810  
Contact Info:  
Tel: (800) 342-3755  
Fax: (978) 475-6205  
Emergency Phone: 24 Hour Contact: CHEM-TEL: (800) 255-3924 (Contract Number: MIS0001450)  
INTERNATIONAL 24 HOUR EMERGENCY Phone: 813-248-0585

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous:

Chemical Name	CAS#	Percent	OSHA PEL	ACGIH TLV
1 - Fibrous glass (textile grade)	N/A	56	Not Established	Not Established
2 - Fibrous glass dust	N/A	not known*	5 mg/m3 (OSHA) (inhalable)	5 mg/m3 (ACGIH) (inhalable)
3 - Crystalline silica	14808-60-7	2.4	1.5 mg/m3	4 mg/m3

\*Amount will be dependant upon method of handling

Other ingredients: The following items are either chemically or physically bonded to the fibrous glass textile and are deemed nonhazardous in the state supplied.

Chemical and common name	Max % by Weight.
Bentonite	30.0
Inorganic clays and fillers	20.0
Inorganic dispersants	1.0
Organic materials and pigments	1.0

### SECTION 3: HAZARDS IDENTIFICATION

**Potential Health Hazards:**

**Potential Route(s) of Entry:** Inhalation, skin contact

**Skin Contact:** Direct skin contact with fibrous glass or its dust may cause mechanical irritation and transitory dermatitis.

**Eyes Contact:**

**Inhalation:** Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.

**Ingestion: (Swallowing):**

**Carcinogen:** Not classified as regulated under ACGIH, IARC, NTP or OSHA. Industry studies have shown textile grade fibrous glass to be a noncarcinogen.

### SECTION 4: FIRST AID MEASURES

**Eyes:** Flush with flowing water for 15 minutes - seek medical attention.

**Skin:** Flush with cool water followed by washing with mild soap to remove accumulated fibers.

**Ingestion:** Not likely to occur through normal use, should ingestion occur seek medical attention.

**Inhalation:** Move to fresh air area.

### SECTION 5: FIRE-FIGHTING MEASURES

Product is non-combustible

Flash point:

Autoignition Temperature:

F: Not flammable

F: Not Established

C: Not flammable

C: Not Established

Flammable Limits in Air:  
(% BY VOLUME)

UPPER: Not applicable

LOWER: Not applicable

Extinguishing Media:

Use extinguishing media appropriate for surrounding fire

Water Spray	OK
Carbon Dioxide	NO
Foam	OK
Dry Chemical	OK
Halon	NO
Other	N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** In any substantial fire, wear self contained breathing apparatus.

**Unusual Fire Hazards:** Not applicable to glass fiber.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures:**

Dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant.

**Personal Precautions:** Do not get in eyes. Do not take internally. Avoid skin contact. Prevent prolonged or repeated breathing of product.

### SECTION 7: HANDLING AND STORAGE

**Handling and Storage:**

Precautions To Be Taken In Handling And Storing: Store in a dry area.

Maximum Storage Temperature: 100°F (38°C), minimum 35°F (2°C).

Precautionary labeling: KEEP FROM FREEZING".

Product is non-combustible.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Precautions:**

Exposure to fibrous glass may cause mechanical irritation to the skin, eyes, nose and throat. Typically such irritation occurs to newly exposed individuals, and usually diminishes after several days of exposure.

**Ventilation:** Normal ventilation is sufficient in most cases to keep dust and fiber levels below the TLV or PEL.

**Respiratory Protection:** If airborne fibrous glass exceeds regulatory limits, or if upper respiratory irritation occurs, use a respirator designed for nuisance type dust.

**Eye Protection:** Not normally required, but as a good safety work practice, suggest the wearing of appropriate eye protection such as safety glasses/side shields or equivalent whenever use of the product releases airborne fibrous glass.

**Skin Protection:** Barrier creams, gloves, and long sleeve loose fitting clothing may be required for certain workers who have sensitive skin or contact dermatitis. Work clothing should be laundered separately from other clothing before reuse.

**Other Protective Equipment:** Observe good personal hygiene.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Tan to light gray; solid **Odor:** No distinctive odor (base fabric may be tinted red).

<b>Odor:</b>	No distinctive odor	<b>Color:</b>	Tan / light gray
<b>Solubility in Water:</b>	Total	<b>Specific Gravity (H2O = 1) @ 68°F:</b>	N/A

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility:** (Material to Avoid): None known

**Hazardous Decomposition or By-Products:** None generated under normal storage and drying conditions.

**Hazardous Polymerization:** Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Toxicological Information:**

No Data Available

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecological Information:**

No Data Available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:**

Dispose according to current local, state and federal regulations. This material is not regulated under RCRA hazardous waste regulations.

**SECTION 14: TRANSPORT INFORMATION**

**U.S. Department of Transportation**

Hazard Class: "Not Regulated"

**SECTION 15: REGULATORY INFORMATION**

**U.S. Federal Regulations:**

**EPA, RCA 40 CFR, Part 261, 1990: Nonhazardous**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Exempt per section 8(a), 710.2(f), and 704.5(a)

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

**SARA TITLE III:** Exempt by definition

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** Insignificant trace quantity

**CLEAN AIR ACT:** Contain ethanol which is a Section 111 material.

**Massachusetts Substance List:** Less than reportable quantity

**Pennsylvania Substance List:** Less than reportable quantity

**New Jersey Right to Know Hazardous Substance List:** Less than reportable quantity

**SECTION 16: OTHER INFORMATION**

N/A

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.