

MATERIAL SAFETY DATA SHEET

(Essentially similar to OSHA form 174, Sept. 1985 - For Compliance with OSHA's Hazard Communication Standard, 29CFR 1910.1200)

Section I - Product Identity:

Lag Kap® (6429)

Manufacturer's Name:
Fiberlock Technologies, Inc.
630 Putnam Avenue
Cambridge, MA
02139-0802

Date of Preparation: January 1, 2000
Information Telephone Number:
(617) 876-8020
Emergency Telephone Numbers:
Weekdays: (617) 876-8020
(After hours, weekends & holidays)
(508) 887-5926, or "CHEM-TEL" Emergency
Contact Number: (800) 255-3924

Mail Address:

P.O. Box 390432
Cambridge, MA 02139-0802

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENT	COMMON NAME(S)	%	CAS. NO.	OSHA PEL	OR	ACGIH TLV
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None per the limits for reporting set forth in 29CFR 1910.1200 (See Note 1 below)

Section III - Physical/Chemical Characteristics (See note 2 below)

Boiling Points of Major Constituent: (Water)	N/A	Specific Gravity (H ₂ O=1) Wgt./gal.	N/A
Vapor Pressure (mm Hg) @ 100°C	760 mm	Melting Point	N/A
Vapor Density (AIR=1)	Heavier	Evaporation Rate (Butyl Acetate=1)	Slower
Solubility in Water	Inorganic slurry complex	Appearance: before mixed with water: dry powder; after: wet cement Odor: None discernible	

Section IV - Fire and Explosion Hazard Data (Non-Flammable)

Flash Point: N/A	Flammable Limits: LEL: N/A UEL:N/A	DOT Hazard Class: Non Regulated
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Section V - Reactivity Data

Hazardous Polymerization: Will not occur

Stability: Stable

Incompatibility: Avoid Contact with: Strong oxidizing agents (e.g. nitric acid, permanganates)

Hazardous Decomposition Products: Some carbon monoxide

Section VI - Health Hazard Data, Toxicity Data (see note)

Route(s) of Entry: N/A

Carcinogenicity?: No

Health Hazards (Acute and Chronic):

EFFECTS OF OVEREXPOSURE: Skin: Prolonged or repeated contact with mixture may cause slight skin irritation. Eyes: Direct contact; inconsequential eye irritation. Inhalation: Possible nuisance dust effect, sneezing or coughing. Ingestion: May cause nausea and intended expectoration. May result in gastrointestinal disturbances and irritation.

EMERGENCY AND FIRST AID PROCEDURES: Skin: Wash skin thoroughly with soap and water. Remove and wash clothing before reuse. Eyes: Immediately flush eyes for at least 15 minutes and consult a physician. Inhalation: Remove to fresh air. Get medical advice for any breathing difficulty. Ingestion: If victim is conscious, give 2 glasses of water. Call a physician.

Note 1: This product contains aluminum silicate and mineral wool fiber classified by ACGIH as a "nuisance dust". Exposure to spray mists or sanding dusts should be controlled to below 2 mg/m³ through the usage of NIOSH-approved dust filter respirators.

Note 2: The data in section III above is based on the products characteristics after water has been added for use.

Section VII: Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep unnecessary people away. Floor may be slippery; use care to avoid falling.

WASTE DISPOSAL METHOD: Product may be disposed in a landfill according to current local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep closure tight.

OTHER PRECAUTIONS: Do not get in eyes. Avoid skin contact. Prevent prolonged or repeated breathing of airborne particles. Do not handle until the manufacturer's safety precautions and label instructions have been read and understood.

Section VIII: Control Measures

RESPIRATORY PROTECTION: None required if good ventilation is maintained. Wear respirator (MSHA/NIOSH-approved or equivalent) suitable for concentrations and types of air contaminants encountered. Use approved chemical/mechanical filters designed to remove particulates in open and restricted ventilation areas. Use MSHA/NIOSH-approved airline type respirator or hood in confined areas.

VENTILATION: Sufficient ventilation, in pattern and volume, should be provided to keep the air contaminant concentration below applicable exposure limits. All application areas should be ventilated in accordance with OSHA regulation 29CFR Part 1910.94.

PROTECTIVE GLOVES: Impervious gloves should be worn if skin contact is likely. Use neoprene or rubber gloves to prevent prolonged skin contact.

EYE PROTECTION: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSI Z-87.1 or approved equivalent).

OTHER PROTECTIVE EQUIPMENT: Use disposable or impervious clothing if work clothing contamination is likely. Use protective cream if prolonged skin contact is likely.

HYGIENIC PRACTICES: Wash hands before eating, smoking, or using the washroom. Food or beverages should not be consumed anywhere this product is being applied.

References:

1. Sax, N.I., "Dangerous Properties of Industrial Materials", 8th ed., Van Nostrand Reinhold Company, Inc., NY, 1992.
2. American Conference of Governmental Industrial Hygienists, "TLV's and Biological Exposure Indices" for the current year (published annually).
3. U.S. Code of Federal Regulations (CFR) U.S. Dept. of Labor, No. 29, Parts 1900 to 1910.1200. OSHA Communications Standard 29 CFR 1910.1200.
4. Sax, N.I., R.J. "Hazardous Chemicals Desk Reference", Van Nostrand Reinhold Co., Inc., NY, 1987.
5. Fire Protection Guide to Hazardous Materials, 10 ed., National Fire Protection Association, Quincy, MA, 1991.
6. Title III List of Lists, U.S. Environmental Protection Agency publication EPA 560/4-90-011, January 1990.