

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 Kast® (4" 6432/6" 6433)

Manufacturer's Name:
Fiberlock Technologies, Inc.
150 Dascomb Rd.
Andover, MA. 01810-5873

Date of preparation: September 1, 2000
Information Telephone Number:
(978) 623-9987
Emergency Telephone Numbers:
Weekdays: (978) 623-9987
(After hours, weekends & holidays)
(978) 887-5926, or "CHEM-TEL" Emergency
Contact Number: (800) 255-3924

Mail Address:
P.O. Box 310
Andover, MA. 01810-5873

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENT	COMMON NAME(S)	%	CAS. NO.	OSHA PEL	OR	ACGIH TLV
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Potassium Sulfate (K ₂ SO ₄)			7778-80-5	N/E		
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Section III - Physical/Chemical Characteristics (See reference note(s) No. 1, 2 on Reverse)

Boiling Points of Major Constituent: (Water)	N/A	Specific Gravity (H ₂ O=1) Wgt./gal.	N/E
Vapor Pressure (mm Hg) @ 100°C	N/A	Melting Point	N/A
Vapor Density (AIR=1) Heavier Lighter	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in Water	N/E	Appearance: Woven cotton gauze fabric substrate coated with Plaster of Paris formula Odor: None discernible	Maximum VOC's N/A

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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Special Fire Fighting Procedures: Fire fighters should wear a self-contained breathing apparatus.

Section V - Reactivity Data

Hazardous Polymerization: Will not occur. Conditions to Avoid: Exposure to Excessive Heat or moisture contamination

Stability: Stable

Incompatibility: Avoid Contact with: Strong oxidizing agents and ionic aluminum and magnesium

Hazardous Decomposition Products: Some carbon monoxide and carbon dioxide; oxides of sulfur and potassium

Section VI - Health Hazard Data, Toxicity Data

Route(s) of Entry: N/A

Carcinogenicity?: No

Health Hazards (Acute and Chronic):

EFFECTS OF OVEREXPOSURE: Skin: May develop sufficient heat to cause burns if a large mass is kept in contact with the skin while hardening. Eyes: Particles may cause irritation. Inhalation: Possible nuisance dust effect, sneezing or coughing. Ingestion: Plaster hardens when wetted, and may result in an obstruction. Large oral doses may result in gastrointestinal disturbances and irritation.

EMERGENCY AND FIRST AID PROCEDURES: Skin: Wash skin with water. Eyes: Flush eyes with water to remove particles. Inhalation: Remove to fresh air. Get medical advice for any breathing difficulty. Ingestion: Plaster hardens when wetted, and if ingested may result in obstruction. See a physician.

TOXICITY INFORMATION: The effects of overexposure shown in Section VI are based on acute toxicity profiles for a number of special emulsions that are compositionally similar to this product. Typical values are: Rat, oral LD 50:>15.0 g/kg; Rabbit, dermal LD 50:>N/E g/kg; Rabbit, skin irritation: not irritating. Rabbit, eye irritation: N/E. Inhalation LC50 (rat): N/E mg/m.

SUPPLEMENTAL INFORMATION

To comply with New Jersey DOH Right-To-Know labeling law (N.J.A.C. 8:59 - 5.1 & 5.2)

CAS. No.:

10101-41-4

7778-18-9

1317-65-3

not available*

7778-80-5

10043-35-3

*contents partially unknown

CHEMICAL INGREDIENTS:

Calcium Sulfate

Calcium Sulfate

Calcium Carbonate

Vinyl acetate-acrylic copolymer emulsion

Potassium Sulfate

Boric Acid

HMIS HAZARD RATING

Health 2	Flammability 0	Reactivity 0	Personal Protection A
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HAZARD INDEX

0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

PERSONAL PROTECTION CODE

A=Safety Glasses

Section VII: Precautions for Safe Handling and Use

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

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: Store at 75°F or cooler for maximum shelf life. Protect from moisture. Exposure to water (including ambient humidity) will cause the product to harden.

OTHER PRECAUTIONS: Do not get in eyes. Avoid skin contact. Do not handle until the manufacturer's safety precautions and label instructions have been read and understood. Avoid breathing sanding dust. Do not puncture the pouch unless the product is to be used immediately.

Section VIII: Control Measures

RESPIRATORY PROTECTION: None required if good ventilation is maintained. Avoid breathing sanding dust.

VENTILATION: 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: Safety Glasses.

OTHER PROTECTIVE EQUIPMENT: Use disposable or impervious clothing if work clothing contamination 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. MSDS Page 2