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: Lead Grip™, 5380

Manufacturer's Name:
Fiberlock Technologies, Inc.
630 Putnam Avenue
Cambridge, MA
02139-0802
Mail Address:
P.O. Box 390432
Cambridge, MA 02139-0802

Date of Preparation: January 1999
Information Telephone Number:
(617) 876-8020
Emergency Telephone Numbers:
Weekdays: (617) 876-8020
(After hours, weekends & holidays)
(978) 887-5926, or "CHEM-TEL" Emergency
Contact Number: (800) 255-3924

Section II - Hazardous Ingredients/Identity Information

COMPONENT NAME(S)	%	CAS. NO.	OSHA TWA	OSHA STEL	ACGIH TLV	ACGIH STEL
NONE*						

Section III - Physical/Chemical Characteristics

Boiling Points of Major Constituent: (Water)	212°F	Specific Gravity (H_2O=1) Wgt./gal.	1.0 to 1.2
Vapor Pressure: mm Hg @ 20°C/ 68°F water	17	Melting Point Water (Ice)	32°F
Vapor Density (AIR=1) -	< 1 Water	Evaporation Rate (Butyl Acetate=1)	< 1 Water
Solubility in Water	Total	Appearance: milky white liquid Odor: slight ammonia odor	

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

Flash Point:	Flammable Limits:	DOT Hazard Class:	Marking:
Non-Combustible	LEL: N/A UEL:N/A	Non Regulated	"Keep From Freezing"

Fire Fighting Information:

Unusual hazards: Material can splatter above 100°C/212°F. Dried product can burn.
Extinguishing Agents: Use extinguishing media appropriate for the surrounding fire.
Personal Protective Equipment: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

Section V - Reactivity Data

Hazardous Polymerization: Will not occur.
Stability: This material is considered stable. However, avoid temperatures above 177°C/350°F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.
Incompatibility: There are no known materials which are incompatible with this product.
Hazardous Decomposition Products: Thermal decomposition may yield acrylic, butadiene and styrene monomers.
Hazardous Polymerization: Product will not undergo polymerization.

Section VI - Health Hazard Data, Toxicity Data

Primary Routes of Exposure: Inhalation, Eye Contact, Skin Contact
Health Hazards (Acute and Chronic): No toxicity data are available for this material. Toxicological properties are currently being determined. The information in the EFFECTS FROM OVEREXPOSURE section below, is based on the toxicity properties of emulsion polymers.

EFFECTS OF OVEREXPOSURE: Inhalation of vapors or spray mists can cause the following: - headache - nausea - irritation of nose, throat and lungs. Skin Contact: Prolonged or repeated contact with coating can cause the following: - slight skin irritation. Eye Contact: Direct contact with material can cause the following: - slight irritation.

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove to fresh air. Eye Contact: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists. Skin Contact: Wash skin thoroughly with soap and water. Consult a physician if irritation persists. Ingestion: If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

*Note: Per 29CFR 1910.1200 (g) (2) (I) (C) (2), only hazardous substances present in excess of 1.0% by weight (or 0.1% for carcinogens) must be listed on an MSDS.

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.:	**CHEMICAL INGREDIENTS:**
7732-18-5	Water
Not available+	**Styrene-Butadiene Polymer**

(+) Contents Partially Unknown

HMIS HAZARD RATING

Health 1	Flammability 0	Reactivity 0	Personal Protection A

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: Keep unnecessary people away. Floor may be slippery; use care to avoid falling. Dike and contain material with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and run-offs out of municipal sewers and open bodies of water.
WASTE DISPOSAL METHOD: The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should then be sealed and properly labeled with waste designation and landfill or incinerated according to current local, state and federal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Maximum storage temperature 100°F. Keep closure tight and container upright to prevent leakage. Precautionary Labeling: "Keep from Freezing".
OTHER PRECAUTIONS: Do not get in eyes. Avoid skin contact. Prevent prolonged or repeated breathing of vapors or spray mists. Do not handle until the manufacturer's safety precautions and label instructions have been read and understood. Avoid breathing sanding dust.

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 respirators 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 prolonged 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 (ANSIZ-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.