SDS Date: September, 2016

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: Grip-Tack™ No. 6408 Clear
Recommended Use of Product: Lockdown & Adhesive for Lead & Asbestos

Information on the Supplier of the Safety Data Sheet

Manufactured For:
Fiberlock Technologies
150 Dascomb Road
Andover, MA 01810
P: 978-623-9980 F: 978-475-6205

Emergency Telephone Numbers:
CHEM TEL: (U.S.): 1-800-255-3924
(Outside the U.S.): 813-248-0585

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **WARNING**

GHS Label Statements
Hazard Statements:
Can cause mild skin irritation.
Can cause eye irritation.

GHS Classifications
This product is considered hazardous by The 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Eye Irritation-C
Skin Irritation-Category 2

PRECAUTIONARY STATEMENTS

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection (eye protection, gloves) during application. When grinding/sanding dry films, wear respiratory protection.
Response: If on skin or hair, wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. If in eyes, rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If inhaled, remove victim to fresh air. If exposed or concerned, immediately call a poison control center.

Storage: Store locked up. Store in corrosive resistant/container with a resistant inner liner. Keep away from incompatibles. Store in well ventilated area. Store away from foodstuffs. Keep containers. Securely sealed and protected against physical damage. Store away from sources of heat or ignition. Keep dry and protect from direct sunlight. Protect from freezing.
Extremely corrosive in presence of copper, brass and stainless steel. Highly corrosive in presence of aluminum. Mild corrosive effect on bronze. Corrosive to ferrous metals and alloys. Non-corrosive in presence of glass.
Disposal: Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations. Dispose container as hazardous waste.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight, %
Ammonium Hydroxide, ACS	1336-21-6	<0.1
Water	7732-18-5	45-60
Proprietary polymer	confidential	40-55

SECTION 4: FIRST AID MEASURES

General Advice
Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Eye Contact
Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Seek medical attention if irritation persists or if concerned.

Skin Contact
Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or concerned.

Inhalation
Loosen clothing as necessary and position individual in a comfortable position . Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Seek medical assistance if cough or other symptoms appear.

Ingestion
Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if irritation persists or if concerned.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects
Irritation, Headache, Nausea, Shortness of breath; 1336-21-6: Upper respiratory tract irritation, eye damage

Indication of any immediate medical attention and special treatment needed

Notes to Physician
If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Specific Hazards Arising from the Chemical: Thermal decomposition can lead to release of irritating gases and vapors.

Protective Equipment and Precautions for Firefighters: Wear protective eyewear, gloves, and clothing. Refer to Section 8. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Additional Information (Precautions): Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Ensure adequate ventilation. Ensure that air-handling systems are operational.

Other Information: Refer to protective measures listed in Sections 7 & 8.

Environmental Precautions

Environmental Precautions: Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods and Material for Containment and Cleaning Up

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Containerize for disposal. Refer to Section 13. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal. Absorb with suitable material.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Conditions for Safe Storage, Including any Incompatibilities

Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Appropriate Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Safety glasses or goggles are appropriate eye protection.

Skin and Body Protection: Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

Respiratory Protection: Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

Hygiene Measures: Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing. Do not eat, drink or smoke in work areas.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (Physical state, color): Liquid. White, color when dry
Odor: Slight, sweet
Odor Threshold: Not determined

Property	Values	Remarks/Method
pH	6-9	None known
Melting/freezing point	Approximately 0°C	None known
Boiling point/boiling range	100°C at 17 mm Hg	None known
Flash Point (closed cup)	Not determined	None known
Evaporation rate	Not determined	None known
Flammability (solid, gas)	Not determined	None known
Flammability Limit in Air		
Upper flammability limit	Not determined	None known
Lower flammability limit	Not determined	None known
Vapor pressure	17 mm HG @20°C	None known
Vapor density	<1	None known
Relative density	Not determined	

Specific Gravity	No data available	None known
Solubilities	Miscible	None known
Partition coefficient: n-octanol/water	Not determined	None known
Autoignition temperature	Not determined	None known
Decomposition temperature	>177°C	None known
Kinematic viscosity	Not determined	None known
Dynamic viscosity	Not determined	None known
Density	1.00-1.03	None known
Recommended storage temp.	1.0°C-49°C	None known

SECTION 10: STABILITY AND REACTIVITY

Reactivity
Nonreactive under normal conditions.

Conditions to Avoid
Incompatible materials.

Chemical Stability
Stable under normal conditions

Possibility of Hazardous Reactions
None under normal processing

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral:	**1336-21-6**	**Ammonium Hydroxide: LDSO: 350 mg/kg (rat)**

Chronic Toxicity: No additional information.

Corrosion Irritation: No additional information.

Sensitization:	**Skin Sens. 1**
Single Target Organ (STOT):	**No additional information.**
Numerical Measures:	**No additional information.**
Carcinogenicity:	**No additional information.**
Mutagenicity:	**No additional information.**
Reproductive Toxicity:	**No additional information.**

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No information available

Persistence and Degradability: No information available

Bioaccumulation Potential: No information available

Other Adverse Effects: No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

SECTION 14: TRANSPORT INFORMATION

UN-Number
Not Regulated, non-hazardous water-based polymer emulsion.

UN Proper Shipping Name
Not Regulated, non-hazardous water-based polymer emulsion.

Transport Hazard class(es) Packing Group: Not Regulated
Environmental Hazard: None known, contain spills and avoid ground water sources with run-off
Transport in bulk: Spills should be contained if they do occur
Special precautions for user: This is a non-hazardous, water-based polymer emulsion. There are no special precautions. This is a white liquid, so as with any material, spills should be avoided.

SECTION 15: REGULATORY INFORMATION

United States (USA)

SARA Section 311/312 (Specific toxic chemical listings): Acute
SARA Section 313 (Specific toxic chemical listings): 1336-21-6 Ammonium hydroxide
RCRA (hazardous waste code): None of the ingredients is listed
TSCA (Toxic Substances Control Act): All ingredients are listed.
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): 1336-21-6 Ammonium Hydroxide

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients is listed
Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed
Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed
Chemicals known to cause developmental toxicity: None of the ingredients is listed

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.
Canadian NPRI Ingredient Disclosure list (limit 0.1%): None of the ingredients is listed
Canadian NPRI Ingredient Disclosure list (limit 1%): 1336-21-6 Ammonium hydroxide

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Special Hazard -
HMIS	Health Hazards 1	Flammability 0	Physical Hazard 0	Personal Protection A

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the healthhazards and safety information contained herein as a guide and should take those precautions required in anindividual operation to instruct employees and develop work practice procedures for a safe work environment. Theinformation contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead

Abbreviations and Acronyms:

IMDG: International Maritime Code for Dangerous Goods PNEC: Predicted No-Effect Concentration (REACH) CFR: Code of Federal Regulations (USA)

SARA: Superfund Amendments and Reauthorization Act (USA) RCRA: Resource Conservation and Recovery Act(USA)

TSCA: Toxic Substances Control Ad (USA)

NPRI: National Pollutant Release Inventory (Canada) DOT: US Department of Transportation IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada) DNEL: Derived No-Effect Level (REACH)