

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: Lag-Kloth 5'x15' Blanket No. 6425, 5'x150' Roll No. 6426, 4"x150' Tape No. 6427

Recommended Use: Rewettable woven fiberglass product

Product Description: Inorganic filled woven rewettable fiberglass product

Information on the Supplier of the Safety Data Sheet

Manufactured For:
Fiberlock Technologies, Inc.
150 Dascomb Road
Andover, MA 01810

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

P: 800-342-3755 F: 978-475-6205

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **WARNING**



GHS Label Statements

Hazard Statements:

Causes mild skin irritation.

May cause respiratory irritation.

May cause cancer.

GHS Classifications

This product is considered hazardous by The 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Hazards identified are based on hazards of the ingredients. The finished product has not been tested.

Skin irritation (Hazard Category 3)

Specific target organ toxicity, single exposure: Respiratory tract irritation (Hazard Category 3)

Carcinogenicity (Hazard Category 2)

PRECAUTIONARY STATEMENTS

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, and face protection. Avoid breathing fibers or dust. Use only outdoors or in a well-ventilated area. Keep containers tightly closed.

Response: If exposed or concerned: Get medical advice/attention. If inhaled: Remove victim to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention.

Storage: Store in a well-ventilated place. Store locked up. Keep container tightly closed.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

GHS Hazard and Precautionary Statement Codes: See Section 16.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Chemical Product Name: Fiberglass fabric

Synonyms: Fibrous glass

| <u>Component</u> | <u>CAS No.</u> | <u>Max. Weight, %*</u> |
|--|----------------|------------------------|
| Glass, oxide, chemicals | 65997-17-3 | 55.0 |
| Fibrous glass dust | Not assigned | Not assigned |
| Normal textile sizing | Not assigned | 3.0 |
| Bentonite | 1302-78-9 | 30.0 |
| Inorganic Clays and fillers | Not assigned | 20.0 |
| Crystalline Silica (as portion of bentonite) | 14808-60-7 | 3.0 |
| Inorganic dispersants | Not assigned | 1.0 |
| Organic materials and pigments | Not assigned | 1.0 |

***The exact concentration of composition has been withheld as a trade secret.**

SECTION 4: FIRST AID MEASURES

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

Eye Contact: Flush with flowing water for 15 minutes – seek medical attention if necessary.

Inhalation: If processing dust is inhaled, move the person to fresh air.

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

Most Important Symptoms/Effects: Suspected of causing cancer. Direct skin contact with fibrous glass or its dust may cause mechanical irritation and transitory dermatitis. Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.

Indication of Immediate Medical Attention and Special Treatment Needed: Get medical attention if product comes into contact with skin or eyes, or if it is inhaled or ingested.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Water, dry powder, or foam (needed for packaging only).

Hazardous Combustion Products: CO, CO₂, and low molecular weight hydrocarbons.

Protective Equipment: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Fire Fighting Procedures/Precautions: Fiberglass itself will not support combustion, but in a sustained fire, proper protection against products of combustion from the fuel must be worn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: A release of this product is not expected to pose risks to workers under normal circumstances. If the material is involved in a fire, or if dusts are produced, no action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Protective Equipment: Wear protective gloves/eye protection/skin protection.

Methods/Materials for Containment and Cleaning Up: Dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant. Dispose of in accordance with all government regulations. Do not discharge into waterways or sewer systems without proper authority.

SECTION 7: HANDLING AND STORAGE

Precautions: This product should be handled under conditions of good industrial hygiene and in conformity with any local regulations to avoid unnecessary exposure. Use in a well-ventilated area. Do not breathe dust. Avoid contact with skin.

Storage: Store in a well-ventilated, dry location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

| Component | CAS | OSHA PEL | ACGIH TLV |
|--|------------|--|-------------------------|
| Fibrous dust* | None | 5 mg/m ³ | 5 mg/m ³ |
| Bentonite* | 1302-78-9 | 15 mg/m ³ (total) 5 mg/m ³ (respirable) | None Established |
| Crystalline Silica as Quartz* (as portion of bentonite) | 14808-60-7 | 10 mg/m ³ (respirable) | 0.025 mg/m ³ |

*Dust may be produced during handling

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

Personal Protection Measures/Equipment

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.

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

Respiratory Protection: If the use or manufacturing of this product generates dust concentrations above the exposure limit, use certified respirators.

Other Protection: Observe good personal hygiene.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Solid

Odor: Odorless

Odor Threshold: None

pH: None

Melting Point/Freezing Point: >800°C (>1472°F)

Initial Boiling Point: Not applicable

Flash Point: Not applicable

Evaporation Rate: Not applicable

Flammability: Not applicable

Upper/Lower Flammability or Explosive Limits: Not applicable

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Relative Density/Specific Gravity: 2.4 to 2.7 (Glass)

Solubility: Insoluble

Partition Coefficient: Not known

Auto-ignition Temperature: Not known

Decomposition Temperature: Not known

Volatility: Not known

Viscosity: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not self-reactive, water-reactive, or spontaneously combustible

Chemical Stability: This product is stable.

Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: When exposed to high temperatures, may produce hazardous decomposition products.

Incompatible Materials: Not known

Hazardous Decomposition Products: Fiberglass products may release small amounts of acetic acid and other organic materials at elevated temperatures.

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Relevant Route of Exposure/Target Organs: Dermal, Inhalation

Symptoms: Suspected of causing cancer. Causes mild skin irritation. May cause irritation of the mouth, nose, and throat after inhalation exposure.

Delayed and Immediate Effects: Not known

Chronic Effects (Short and Long Term Exposure): Not known

Numerical Measures of Toxicity: No data available

Carcinogenicity: Crystalline silica is listed as a class 1 carcinogen by the IARC and is listed as a carcinogen according to the NTP.

Mutagenicity: No data available

Reproductive Toxicity: No data available

SECTION 12: ECOLOGICAL INFORMATION

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Do not discharge into waterways or sewer systems without proper authority. Dispose of in accordance with all government regulations.

SECTION 14: TRANSPORT INFORMATION

Not regulated as a hazardous material/dangerous good for transportation in all modes of transportation (US DOT, ICAO/IATA, IMO).

SECTION 15: REGULATORY INFORMATION

TSCA Inventory Status: Exempt per section 8(a), 710.2(f), and 704.5(a)

SARA Title III Section 302: None

SARA Title III Section 304: None

SARA Title III Section 311/312 Hazard Categories: Immediate (acute), Delayed (chronic)

SARA TITLE III Section 313: This product does not contain components that are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (EPCRA or SARA Title III) and 40 CFR 372.

CERCLA RQ: Not listed

California Proposition 65: Crystalline silica is listed as a carcinogen. No airborne, unbound particles of respirable size are anticipated to be produced under anticipated normal use conditions. Caution should be used to prevent the generation of airborne particles.

Massachusetts Right-To-Know: Less than reportable quantity

New Jersey Right-To-Know: Less than reportable quantity

Pennsylvania Right-To-Know: Less than reportable quantity

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the Canadian DSL.

Europe: All components of this product are included on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are not required to be listed on the EINECS.

China: All components of this product are included on the Chinese Inventory (IECSC) or are not required to be listed on the Chinese IECSC.

Japan: All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese inventory.

Korea: All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean ECL.

Philippines: All components of this product are included on the Philippine (PICCS) or are not required to be listed on the Philippine PICCS.

Australia: All components of this product are included on the Australian (AICS) or are not required to be listed on the Australian AICS.

SECTION 16: OTHER INFORMATION

Date of Preparation or Revision: 6/10/2015

This product is classified as a Skin Irritant Category 3, however OSHA does not include Category 3 substances in its hazard classification system.

Abbreviations

| | |
|-----------|---|
| ACGIH/TLV | American Conference of Industrial Hygienists Threshold Limit Value |
| CAS | Chemical Abstracts Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CFR US | Code of Federal Regulations |
| CO | Carbon monoxide |

| | |
|-----------|---|
| CO2 | Carbon dioxide |
| DOT | US Department of Transportation |
| EPCRA | Emergency Planning and Community Right to Know Act |
| GHS | UN Globally Harmonized System of Classification |
| HCS | Hazard Communication Standard |
| IARC | International Agency for Research on Cancer |
| ICAO/IATA | International Civil Aviation Organization/International Air Transport Association |
| IMO/IMDG | International Maritime Organization/International Maritime Dangerous Goods Code |
| NTP | National Toxicology Program |
| OSHA | US Occupational Safety Health Administration |
| PEL | Permissible exposure limit |
| RQ | Reportable quantity |
| SARA | Superfund Amendments and Reauthorization Act |
| SDS | Safety data sheet |
| TSCA | Toxic Substances Control Act |
| UN | United Nations |
| US/USA | United States |

While this company believes that the data contained herein are factual and the opinions expressed are based on tests and data believed to be reliable, it is the user's responsibility to determine the safety, toxicity, and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by this company as to the effects of such use, the results to be obtained, or the safety and toxicity of the product, nor does this company assume any liability arising out of use, by others, of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or governmental regulations.

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