

Material Safety Data Sheet

Material Name: FiberLink Sorbent Socks and Booms

Section 1 – Chemical Product and Company Identification

Product Name: FiberLink Sorbent Socks and Booms

CAS#: None assigned

Generic name: Fiber Glass Sorbent

Chemical Name: Mixture

Section 2 – Composition / Information on Ingredients

Chemical Name: Glass, oxide

CAS#: 65997-17-3

Common Name: Fibrous glass wool

Percent in Product: 99% maximum by weight

LD₅₀: N/A

LC₅₀: N/A

Exposure Limits:

OSHA PEL TWA

Total nuisance dust:

15 mg/m³

Respirable Nuisance Dust:

5 mg/m³

HSPP Voluntary: 1 f/cc

See section 16 for definitions of respirable fibers.

ACGIH TLV TWA

Synthetic Vitreous

Fibers – Glass Wool

Fibers: 1 f/cc

NIOSH REL TWA

Total Glass Dust: 5 mg/m³

Respirable Fibers: 3 f/cc

Section 3 – Hazards Identification

Emergency Overview

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Degree of Hazard</u>
NFPA Rating:	0	0	0	0 – Minimal (Insignificant)
HMIS Rating:	1	0	0	1 – Slight
				2 – Moderate
				3 – Serious (High)
				4 – Severe (Extreme)
				5 – Chronic Health Effect(s)

Potential Health Effects

Primary Routes of Entry: Inhalation, skin and eye contact

Acute Inhalation: Temporary upper respiratory irritation

Chronic Inhalation: None Known

Acute Skin Contact and Sensitization: Temporary skin irritation seen in certain individuals

Chronic Skin Contact: None Known

Skin Absorption: None

Acute Eye Contact: Temporary eye irritation

Chronic Eye Contact: None known

Medical Conditions Which may be Aggravated: Pre-existing conditions which may be aggravated by mechanical irritants upon inhalation or skin contact.

Carcinogenicity:

Ingredient: Fiber glass wool, Glasswool (respirable sizes)

IARC: Group 3, not classifiable as to carcinogenicity to humans

NTP: Listed as Group II b, (reasonably anticipated to be a carcinogen), evidence from studies in experimental animals

OSHA: Nuisance Dust

Mutagenicity: None

Teratogenicity: None

Reproductive Toxicity: None

Toxicological Synergistic Products: None

Other Potential Health Risks: None Known

Section 4 – First Aid Measures

Inhalation: Remove from exposure. Get medical help if irritation persists

Skin: Cleanse with soap and water. Get medical help if irritation persists.

Ingestion: Unlikely. Consult physician if unusual reaction is noted.

Eyes: Flush well with running water for at least 15 minutes. Get medical help if irritation persists.

Fires: Remove to fresh air. Administer oxygen and get medical help.

Notes to Physician: Skin irritation response well to mild hydrocortisone cream.

Section 5 – Fire Fighting Measures

Flash Point: Does not support combustion

Upper Flammable Limit (UFL): N/A

Lower Flammable Limit (LFL): N/A

Auto Ignition: N/A

Extinguishing Media: Use that which is applicable to surrounding fire.

Conditions of Flammability and Special Fire Fighting Procedures: Treat as residential building materials.

Unusual Fire and Explosion Hazard, Decomposition Products: None. Comparative animal inhalation toxicity studies of combustion products on a number of fiber glass wool products found them to be more toxic than wool, based on incapacitation and mortality. A non-hazardous mineral oil dust suppressant additive may emit carbon monoxide as a decomposition product.

Section 6 – Accidental Release Measures

Spills / Leaks: Vacuum dust deposits.

Accidental or Unplanned Release: Clean area with vacuum or wet methods.

Section 7 – Handling and Storage

Handling Procedures:

When handling or applying this material when excessive dust is present:

Wear eye protection (goggles, safety glasses or face mask

Use a NIOSH-Certified disposable or reusable particulate respirator with an efficiency of N95 or higher.

Storage Procedures: Store under cover to protect product.

Section 8 – Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:

Respirators: Wear NIOSH-certified respirators when handling raw fiber glass wool and applying fiber glass wool products in accordance with the following NIOSH-based exposure guidelines.

Work Practices and Engineering Controls: Avoid spread of fiber glass. Provide general and/or local exhaust ventilation to control airborne dust levels below exposure limits.

Product Package Label:

WARNING

This fiber glass wool may cause temporary skin, eye, throat and upper respiratory irritation. In 2001, the International Agency for Research on Cancer (IARC) reclassified glass wool as Group 3, not classifiable as to carcinogenicity to humans.

Section 9 – Physical & Chemical Properties

Physical State: Solid

Boiling Point: N/A

Softening Point: 1300° F

Melting Point: 2200° F

Odor: None

Odor Threshold: None

Color: White

pH: N/A

Appearance: White, unbonded glass fibers

Vapor Density (Air = 1): A/P

Specific Gravity (H₂O = 1) Glass = 2.5

% Volatile by Volume: N/A

Vapor Pressure: N/A

Evaporative Rate (ethyl ether = 1): N/A

% Solubility (H₂O): Small

Freezing Point: None

Coefficient of Water to Oil Distribution: None

Section 10 – Chemical Stability & Reactivity Information

Chemical Stability: Material is stable

Corrosivity: None

Incompatibility: Hydrofluoric Acid

Reactivity: None

Reactivity with water: None

Explosion: Product is not sensitive to mechanical impact or static discharge.

Section 11 – Toxicological Information

Following a thorough review of all of the medical-scientific data available at a meeting in October 2001, the IARC panel lowered the classification for glass wool fibers from a Group 2B classification (“possibly carcinogenic to humans”) to a Group 3 classification (“not classifiable as to carcinogenicity to humans”). IARC said that there is “no evidence of increased risk of lung cancer or of mesothelioma...from occupational exposures during the manufacture of these materials, and inadequate evidence overall of any cancer risk.”

Section 12 – Ecological Information

This product is not manufactured with, nor does it contain and Class I Ozone depleting chemicals as defined by EPA in Title VI of the Clean Air Act Amendments of 1990 40 CFR Part 82, Protection of Stratospheric Ozone. This product is not classified as a hazardous air pollutant in Title III Clean Air Act of 1990.

Section 13 – Waste Disposal Considerations

Scrap material should be disposed of in a sanitary landfill in accordance with federal, state, and local regulations. Waste material is not considered hazardous as defined by RCRA (40 CFR Part 261).

Section 14 – Transportation Information

National Motor Freight Classification (NMFC): 103300S3, Glass Wool – NOI (Not Otherwise Indexed)

Section 15 – Regulatory Information

OSHA Status: This product is considered hazardous under OSHA criteria.

TSCA/CEPA Status: All components of this product are included in the TSCA and CEPA Chemical Inventories.

CERCLA Reportable Quantity: N/Ap

SARA Title III:

Section 302 Extremely Hazardous: This product contains no extremely hazardous substances as defined and listed in section 302

Section 311/312 Hazard Categories: Reportable as a hazardous substance. Check with your Local Emergency Planning Committee for reportable quantities.

Section 313 Toxic Chemicals: This product does not contain substances which are reportable under Section 313.

Canada (WHMIS): This product is a class D2A controlled product under Canadian WHMIS regulations.

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer’s responsibility to ensure that its activities comply with Federal, State or provincial and local laws.

Contact information:

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End of MSDS