

SAFETY DATA SHEET

Date Issued : 10/27/2016
Date Revised : 11/03/2016

Glass Fab Scrim Cloth

1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME(S): Glass Fab Scrim Cloth

STYLE: 1659 (White)

DISTRIBUTOR:

GLT PRODUCTS
6810 COCHRAN ROAD
SOLON OH 44139

INFORMATION PHONE:

800-874-1748 (8:00 am to 5:00 pm ET, weekdays)

E-MAIL: info@gltproducts.com

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: Not Classified

GHS LABEL ELEMENTS:

SIGNAL WORD: No signal word

HAZARD STATEMENTS: No known significant effects or critical hazards.

PRECAUTIONARY STATEMENTS:

GENERAL: Not applicable.

PREVENTION: Not applicable.

RESPONSE: Not applicable.

STORAGE: Not applicable.

DISPOSAL: Not applicable.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): None known.

HMIS AND NFPA HAZARD RATINGS:

Category	HMIS	NFPA
Acute Health	1	1
Flammability	0	0
Reactivity	0	0

NFPA UNUSUAL HAZARDS: None

HMIS PERSONAL PROTECTION: To be supplied by user depending on use.

3. COMPOSITION AND INGREDIENT INFORMATION

Component	CAS No.	Weight %
Fiber Glass (non respirable) *1	65997-17-3	74-100
PVA Size	25213-24-5	<1.5
PVA Size	54626-91-5	<1.5
BW440 (mixture) *2, *3	N/A	≤23

NOTE *1: As manufactured continuous filament glass fibers are not respirable. Continuous filament glass products that are chopped, crushed or severely mechanically processed during manufacturing or use may contain a very small amount of respirable particulate, some of which may be glass shards. See Section 8 of Safety Data Sheet for exposure limit data.

NOTE *2: The specific chemical identity and exact percentage of concentration has been withheld as a trade secret and may vary per batch.

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4. FIRST AID MEASURES

INHALATION: Move person to fresh air. See medical attention if irritation persists.

EYE CONTACT: Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists, get medical attention.

SKIN CONTACT: For skin contact, wash with mild soap and cold water. Do not wash with warm water because this will open up the pores of the skin, which will cause further penetration of the fibers. Use a washcloth to help remove fibers. To avoid further irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibers into skin. If irritation persists, get medical attention.

INGESTION: Ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that intestinal blockage does not occur.

5. FIRE FIGHTING MEASURES

FLASH POINT: N/A

FLASH POINT METHOD: N/A

UPPER FLAMMABILITY LIMIT: N/A

LOWER FLAMMABILITY LIMIT: N/A

FLAMMABILITY CLASSIFICATION: Non-flammable. In case of fire, glass fibers are not flammable, are incombustible, and do not support combustion. Binders, sizing, and finish can be combustible as well as any packaging material.

EXINGUISHING MEDIA: Water fog, foam, carbon dioxide, or dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

FIRE FIGHTING INSTRUCTIONS: Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire.

HAZARDOUS COMBUSTION PRODUCTS: Primary combustion products include carbon dioxide and water vapor. Carbon monoxide, nitrogen oxide, and other unknown substances may exist in small quantities.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: This material will settle out of air. If concentrated on land, it can be scooped up for disposal as non-hazardous waste. This material will sink and disburse along the bottom of waterways and ponds. It cannot easily be removed after it is waterborne; however, the material is nonhazardous in water.

CLEAN-UP PROCEDURES: Scoop up material and put into a suitable container for disposal as a non-hazardous waste.

RESPONSE PROCEDURES: Isolate area. Keep personnel away.

SPECIAL PROCEDURES: None.

7. HANDLING AND STORAGE

HANDLING PROCEDURES: Keep product in its packaging as long as practicable to minimize potential dust generation. Keep work areas clean. Avoid unnecessary handling of scrap materials. Wear PPE as described in Section 8.

STORAGE PROCEDURES: No special procedures.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE GUIDELINES:

A. GENERAL PRODUCT INFORMATION: Follow all applicable exposure limits.

B. OCCUPATIONAL EXPOSURE LIMITS:

Ingredient	ACGIH TLV	OSHA PEL
Non-respirable fibers and particulate	5 mg/m ³ (inhalable fraction)	15 mg/m ³ (total dust)
Respirable particulate	3 mg/m ³ (PNOC)*	5 mg/m ³ (respirable dust)
Respirable particulate with fiber like dimensions (glass shards)	1 fiber/cm ³ aspect ratio >5:1	None established
Size	None established	None established
Acetaldehyde	25 ppm, 45 mg/m ³ CEIL	200 ppm, 360 mg/m ³ TWA

*PNOC = Particles not otherwise classified

C. VENTILATION: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: A properly fitted NIOSH approved N95 series disposable dust respirator should be used when high dust levels are encountered, the level of glass fibers in the air exceeds the occupational exposure limits, or if irritation occurs.

SKIN PROTECTION: Normal work clothing (long sleeved shirts and long pants) is recommended. Use gloves. Skin irritation is known to occur chiefly at pressure points such as around neck, wrists, waist and between fingers.

EYE/FACE PROTECTION: Wear safety glasses, goggles or face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White

ODOR: None

PHYSICAL STATE: Solid

pH: Not applicable

VAPOR DENSITY (AIR=1): Not applicable

BOILING POINT: Not applicable

SOLUBILITY (H₂O): Insoluble

SPECIFIC GRAVITY: 2.60

FREEZING POINT: Not Applicable

EVAPORATION RATE: Not applicable

VISCOSITY: Not Applicable

MELTING POINT: >800°C

PHYSICAL PROPERTIES ADDITIONAL INFORMATION: No additional information available

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10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

STABILITY: This is a stable material.

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Sizings or binders may decompose in a fire. See Section 5 of SDS for information on hazardous combustion products.

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

GENERAL PRODUCT INFORMATION: Dusts may cause mechanical irritation of the eyes and skin. Ingestion may cause transient irritation of throat, stomach, and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. People with pre-existing respiratory conditions may experience difficulty breathing, congestion and chest tightness.

CARCINOGENICITY: This product is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC or OSHA.

NOTE: There are no known chronic health effects connected with long-term use or contact with these products.

12. ECOLOGICAL INFORMATION

No data available for this product. This material is not anticipated to harm animals, plants or fish.

13. DISPOSAL CONSIDERATIONS

US EPA WASTE NUMBER AND DESCRIPTIONS:

A. GENERAL PRODUCT INFORMATION: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

B. COMPONENT WASTE NUMBERS: No EPA Waste Numbers are applicable for this product's components.

C. DISPOSAL INSTRUCTIONS: Dispose of waste material according to local, state, federal and provincial environmental regulations.

14. TRANSPORT CONSIDERATIONS

US DOT/TDG (CANADA) INFORMATION

SHIPPING NAME: Not regulated for transport

HAZARD CLASS: None

UN/NA #: None

PACKING GROUP: None

REQUIRED LABELS: None

ADDITIONAL TRANSPORTATION REGULATIONS: No additional information is available.

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15. REGULATORY INFORMATION

DOMESTIC AND INTERNATIONAL INVENTORY LISTINGS:

- USA (TSCA) INVENTORY:** All components are listed or exempt.
CANADIAN (DSL) INVENTORY: All components are listed or exempt.
EUROPEAN (EINECS) INVENTORY: All components conform to the EU requirements.

WHMIS IDL

THE FOLLOWING COMPONENTS ARE IDENTIFIED UNDER THE CANADIAN HAZARDOUS PRODUCTS ACT INGREDIENT DISCLOSURE LIST: None

WHMIS STATUS: Not controlled

WHMIS CLASSIFICATION: None

REGULATORY INFORMATION: The following is provided to aid in the preparation of SARA 311 and 312 reports:

- ACUTE HEALTH HAZARD:** Yes
CHRONIC HEALTH HAZARD: No
FIRE HAZARD: No
SUDDEN RELEASE OF PRESSURE HAZARD: No
REACTIVE HAZARD: No

STATE REGULATIONS

CALIFORNIA PROPOSITION 65 WARNING STATEMENT:

WARNING: This product contains chemicals known to the State of California to cause cancer.

Chemical	CAS #
1, 4-Dioxane	123-91-1
Acetaldehyde	75-07-0
Ethylene oxide	75-21-8
Formaldehyde	50-00-0

OTHER GOVERNMENT REGULATIONS:

Continuous filament glass products are not classified as a "dangerous substance" or a "dangerous preparations" under the EU Directive 88/379/EEC.

- 1. CLASSIFICATION AND LABELING (EEC):** This product is not required to be labeled under Council Directives 88/379EEC, 67/548/EEC, Annex 1, and 97/69/EC.
- 2. CERTIFICATION STATEMENT FOR DIRECTIVE 2002/95/EC FOR RoHS AND DIRECTIVE 2002/96/EC FOR WEEE:** Based on our current glass analyses, Bedford Weaving certifies that our fiberglass yarns are well below the requirements of both of these Directives.

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16. OTHER INFORMATION

ISSUED: 27-Oct-16

VERSION: 1.0

ABBREVIATIONS AND ACRONYMS:

ACGIH	American Conference of Industrial Hygienists
CAS No.	Chemical Abstracts Service Number
IARC	International Agency for Research on Cancer
IDL	Ingredient Disclosure List
NIOSH	National Institute for Occupational Safety and Health
PEL	Permissible Exposure Limits
PSA	Pressure Sensitive Adhesive
RCRA	The Resource Conservation and Recovery Act
RoHS	Restriction of Hazardous Substances
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHEE	Waste Electrical and Electronic Equipment Directive

NOTICE: The information provided within this document was believed to be accurate by GLT Products at the time of preparation. It has been prepared from sources believed to be credible and reliable, but ultimately it is the responsibility of the user to investigate and understand other pertinent sources of information, comply with all applicable laws, and to determine the suitability of the product for its intended use.

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