



Safe Use Instructions - Fiberglass Fabrics

Introduction:

This document is provided to ensure safe handling and use instructions for Vectorply glass fiber products. Continuous glass fibers are defined as "articles" under REACH are not regulated by either OSHA Hazard Communication Standard, 29 CFR 1910.1200 or Canada Hazardous Products Regulation SOR/2015-17 (WHMIS 2015). An SDS is not required for manufacturing articles.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: Vectorply Fiberglass Fabrics
 Synonyms: E-T, E-TM, E-LT, E-LTM, E-BX, E-BXM, E-BXMR, E-BXMTR, E-BXN, E-TTX, E-TTXM, E-TLX, E-TLXM, E-TLY, E-TLYA, E-QX, E-QXM, E-BY, E-BYM, E-LTC, E-LTMC, E-BXC, E-BXMC, E-WV, E-WMV, E-LTCFM, E-BXCFM, E-QXCFM, E-LTM/M, E-LM, E-LR, E-LTi, E-2LTi, E-3LTi, E-4LTi, E-5LTi, E-2LT, E-3LT, ECR-T, ECR-LT, ECR-TM, ECR-TTX, ECR-TLX, ECR-QX, ECR-BX, E-LA, E-M, VPLY, E-CFM, E-LTXS, E-TTXXS, E-TLXXS, E-BXXS, E-QXXS, E-LTR, E-LTTR, E-TR, E-TLXA, E-TR, E-TTR, E-2QX, E-3QX, E-2QXM, E-3QXM, E-TTXR, E-TTXTR, ECR-LTi, ECR-2LTi, ECR-3LTi, K2, S-T, S-L, S-BX, S-TTX, S-LT, S-TLX, S-QX, ECR-2LT, ECR-2LT, ECR-3LT, E-LTiCFM, E-2LTiCFM, E-3LTiCFM, E-BXR, E-BXTR, E-LCFM, E-QXR, E-QXTR, E-TLYCFM, E-BXM/N, E-TLXN, E-TTXN, E-TLYN, NN, UN, CN, CNN, CFN, E-WZ, E-QXFR, ECR-BXM, ECR-LM, ECR-LTM, ECR-TM, E-2BXM, E-4TLX, E-BXA, E-LCX, E-MTR, E-QXMR, E-TC, ET-CFM, E-TLV, E-TLXMTR, E-TM/R, S-WV, ARMOR FIBER, ECR-BXN, ECR-TTXM
 Vectorply Corporation
 Supplier Name: 3400 South Railroad Street
 Address: Phenix City, AL 36867 USA
www.vectorply.com
 1-800-577-4521 (US) Monday-Friday 8:00am - 5:00pm EST
 Company Phone Numbers: 01-334-291-7704 (Outside US) Monday-Friday 8:00am - 5:00pm EST

* Vectorply Corp. does not manufacture any of the component parts of the products covered by the Safe Use Instructions. This document is a compilation of the safe use data furnished by these manufacturers. SDS or safe use information for component parts can be made available upon request.

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance/Odor: Odorless, white or off-white glass fiber fabric with white polyester stitching

MAY CAUSE SKIN IRRITATION
 MAY CAUSE EYE IRRITATION
 MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION

Potential Health Effects: See Section 11 for more information.
 Likely Routes of Exposure: Eye contact, skin contact, Inhalation.
 Inhalation: Irritation of the upper respiratory tract (scratchy throat), coughing, and congestion may occur in extreme exposures.
 Ingestion: This product is not intended to be ingested (eaten). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.
 Skin: Temporary irritation (itching) or redness may occur.
 Eyes: Temporary irritation (itching) or redness may occur.
 Medical conditions aggravated by exposure: Pre-existing chronic respiratory, skin, or eye diseases / conditions.
 Regulatory Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200)
 Carcinogenicity: As supplied, this product does not contain respirable glass fibers. See section 11 for a more information.

Environmental: There is no known ecological information for this material, see section 12 for more information
 Symbol: No pictogram required

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component:	CAS #	% by Wt.
Polyester Yarn	25038-59-9	0 - 5
Sizing	Not Available	0 - 5
Polyester Veil	25038-59-9	0-20
Polyester	29154-49-2	0 - 2
Sodium Alkane Sulfonate	68037-49-0	0 - .05
Fiber Glass (Continuous filament, non respirable)	65997-17-3	80-100

SECTION 4: FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if irritation persists. If not breathing, if breathing is irregular or if respiratory arrest occurs, get medical attention, provide artificial respiration or oxygen by trained personnel.
 Ingestion: Ingestion of this product is unlikely. If swallowed, rinse mouth with water (only if person is conscious). Get medical attention immediately if irritation develops and persists.
 Skin Contact: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash clothing before reuse.
 Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately if irritation persists.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Dry chemical, foam, carbon dioxide (CO ₂), water fog.
Unsuitable Extinguishing Media:	None known.
Products of Combustion:	Carbon monoxide, carbon dioxide, hydrogen, other undertermined compounds could be released in small quantities.
Protection of Firefighters:	Firefighters should wear self-contained breathing apparatus (SCBA) and full fire-fighting turnout gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protection recommended in Section 8.
Environmental Precautions:	No special precautions are needed in case of a release or spill.
Methods for Containment:	This material will settle out of air. Prevent from spreading by covering, diking, or other means.
Methods for Clean-up:	This material will settle out of air. Pick up large pieces, carefully sweep or vacuum remaining material and place in suitable container. Avoid generating dust.
Other Information:	Dispose of as solid waste in accordance with local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

Handling:	Use appropriate personal protective equipment (See section 8). Avoid dust generation. Avoid contact with skin and eyes. Do not breathe dust. Do not swallow.
Storage:	Store in accordance with local, state, and federal regulations. Keep product in its packaging to avoid dust generation. Store at or below 25° C (77° F) and relative humidity less than 65% for optimum performance.

SECTION 8: EXPOSURE CONTROL/PERSONNEL PROTECTION

Exposure Limits	
Fiber Glass:	TLV-TWA: 1 f/cc, 10mg/m ³ Total dust, 3 mg/m ³ respirable (ACGIH) PEL-TWA: 15 mg/m ³ total dust, 5 mg/m ³ respirable (OSHA) TWAEV: 1 f/cc respirable, 5 mg/m ³ inhalable (Ontario Canada) TWA: 10 mg/m ³ (Mexico)
Polyester:	Not Available
Engineering Controls:	Use local/general exhaust ventilation as required to keep airborne concentrations below exposure limits.
Eye/face Protection:	Safety glasses with side-shields.
Skin Protection:	Long pants, long sleeved shirt, and protective gloves.
Respiratory Protection:	Respiratory protection must be used if ventilation is not available or inadequate to keep dust and fiber levels below exposure levels listed in section 8. A NIOSH approved disposable N95 type dust respirator or better is recommended.
General Hygiene Considerations:	Wash hands immediately after handling product and before breaks. Wash contaminated clothes thoroughly before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White or off-white fabric
Odor:	Odorless
Odor Threshold:	N/A
Physical State:	Solid
pH:	Not available
Melting Point:	>800° C (glass), 250-300° C (Polyester)
Initial Boiling Point and Boiling Range:	Not available
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability:	Not available
Flammability or Explosive Limits:	Not Available
Vapor Pressure:	Not Available
Specific Gravity:	2.60 (glass), 1.68 (polyester) (Ref: water = 1.00)
Solubility:	Insoluble
Partition Coefficient:	Not Available
Autoignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Electrical Conductivity:	No

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
 Conditions to avoid: No specific data.
 Incompatible Materials: None known.
 Hazardous Decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
 Possibility of Hazardous Reactions: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Summary: There are no known health effects from the long term use or contact with nonrespirable, continuous filament glass fibers. As manufactured, the glass fibers in this product are nonrespirable. Continuous filament glass fibers 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. The measured airborne concentration of these respirable fibers in areas where severe processing of fiberglass occurred has been shown to be extremely low and well below the TLV. Based on an animal study, repeated or prolonged exposure to respirable glass fibers may cause fibrosis lung cancer, and mesothelioma.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Effects: This material is not expected to cause harm to animals, plants or fish.
 Other Adverse Effects: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of as solid waste in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

Transport Regulations: This product is not classified as dangerous goods according to international transport regulations.

SECTION 15: REGULATORY INFORMATION

Global Inventories All components listed or exempted
 TSCA*: United States All components listed or exempted
 DSL: Canada All components listed or exempted
 KECI: Korea All components listed or exempted
 PICCS: Philippines All components listed or exempted
 ENCS: Japan All components listed or exempted
 AICS: Australia All components listed or exempted
 IECSC: China All components listed or exempted
 REACH: European Union All components listed or exempted

*The product covered in the Safe Use Instructions is an article and therefore is exempt from listing on the national chemical inventories in particular on the US EPA Toxic Substances Control Act (TSCA).

United States
 SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
 SARA 302/304/311/312 hazardous chemicals: No products were found.
 CERCLA Hazardous substances: No products were found.

SARA 311/312 MSDS Distribution - Chemical Inventory - Hazard Identification:

Chemical Name	CAS#	Acute	Chronic	Fire	Reactive	Pressure
Fiber Glass	65997-17-3	Y	Y	N	N	N
Product as-supplied		Y	Y	N	N	N

Canada
 WHMIS (Canada) None identified.

SECTION 16: ADDITIONAL INFORMATION

HMIS Health Hazard:	1
HMIS Flammability Hazard:	0
HMIS Reactivity:	0
HMIS Personal Protection:	X

Disclaimer:

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