



Georgian Bay Reinforcement Fabrics

MATERIAL SAFETY DATA SHEET

Section 1: Product and Preparation Information

Date: January 1, 2013
Product Name: T0954-A00,
Synonyms: None
Product Use: Fiberglass Textile Reinforcement
WHMIS Classification: Non-Regulated Manufactured Article

Manufacturer: Georgian Bay Reinforcement Fabrics
999 William Street, P.O. Box 459
Midland, Ontario
L4R 4L3
Telephone: 705-527-5404
Fax: 705-527-0258

Section 2: Composition and Hazardous Ingredient Information

| <u>Ingredient</u> | <u>CAS#</u> | <u>ACGIH TLV</u> (8-hr TWA) | <u>OSHA PEL</u> (8-hr TWA) |
|---|-------------|---|--|
| Fiber Glass Continuous Filament: - Nonrespirable fibers and particulate | 65997-17-3 | 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/cc aspect ratio >5:1 | None Established |

*PNOC = Particles not otherwise classified.

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.

Section 3: Physical Data and Chemical Properties

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| Vapour Pressure (mm Hg @ 20°C): | Not Applicable | pH: | Not Applicable |
| Vapour Density (Air = 1): | Not Applicable | Boiling Point: | Not Applicable |
| Evaporation Rate: | Not Applicable | Viscosity: | Not Applicable |
| Specific Gravity (Water=1): | 2.60 | Appearance: | Woven Fiberglass Fabric |
| Solubility in Water: | Insoluble | Physical State: | Solid |
| Freezing Point: | Not Applicable | Odour (Threshold): | None (Not Applicable) |

Section 4: Fire or Explosion Hazard

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| Flash Point: | None |
| Flammability Limits (%): | None |
| Auto Ignition Temperature: | Not Applicable |
| Extinguishing Media: | Water, Foam, Carbon Dioxide or Dry Chemical. |
| Unusual Fire and Explosion Hazards: | None Known |
| Fire Fighting Instructions: | Fire fighters should wear appropriate protective equipment including Self Contained Breathing Apparatus (SCBA). |
| Hazardous Combustion Products: | Primary combustion products are carbon monoxide, carbon dioxide and water. Other undetermined compounds could be released in small quantities. |

Section 5: Stability and Reactivity Data

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| Stability: | Stable |
| Incompatible Materials and Conditions to Avoid: | None |
| Hazardous Decomposition Products: | Sizings or binders may decompose in a fire. See Section 4 of MSDS for Hazardous Combustion Products statement. |
| Hazardous Polymerization: | Will not occur. |

Section 6: Toxicological Properties (Health Hazards)

Acute Effects:

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| Inhalation: | Fiber glass continuous filament is a mechanical irritant. Breathing dusts and fibers may cause short term irritation of the mouth, nose and throat. |
| Skin: | Skin contact with dust and fibers may cause itching and short term irritation. |
| Eyes: | Eye contact with dust and fibers may cause short term mechanical irritation or damage. |
| Ingestion: | Ingestion may cause short term mechanical irritation of the stomach and intestines. Observe individual, if symptoms develop, consult a physician. |

Chronic Effects: The International Agency for Research on Cancer (IARC) has classified Continuous Filament Fiber Glass under Group 3: Not Classifiable with respect to Human Carcinogenicity.

Section 7: Preventive Measures (Personal Protection)

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| Respiratory Protection: | Where dust levels exceed the TLV, use an NIOSH/MSHA approved disposable dust respirator. Use respiratory protection in accordance with your company's respiratory protection program. |
| Ventilation: | General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits. |
| Skin Protection: | Loose fitting long sleeved shirt that covers to the base of the neck, long pants and gloves. |
| Eye Protection: | Safety glasses. |

Section 8: First Aid Measures

Inhalation: Move person to fresh air. Seek medical attention if irritation persists.

Eye Contact: Flush eye with running water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Wash with mild soap and running water. Use a washcloth to help remove fibers. Do not rub or scratch affected areas. Seek medical attention if irritation persists.

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.

Section 9: Release and Disposal Procedures

Waste Disposal: Dispose of Fiberglass as dry garbage as per local, provincial/state and federal regulations.

Release (Spill/Leak): Use a vacuum cleaner to clean up glass fibers. Do not use an air hose.

Work and Hygienic Practices: Handle using good industrial hygiene and safety practices. Avoid unnecessary exposure by using adequate local exhaust ventilation. Remove material from the skin and eyes after contact. Remove material from clothing using vacuum equipment (never use compressed air). Always wash work clothes separately from other clothing. Wipe out the washer or sink to prevent loose glass fibers from getting on other clothing. Keep the work area clean of dusts and fibers released during processing or fabrication. Use vacuum equipment to clean up product. Avoid dry sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air. Have access to safety showers and eye wash stations.

Section 10: Handling and Storage

General: No special storage or handling procedures is required for this material. It is recommended to store in a cool, dry place.

Section 11: Transport Information

Proper Shipping Name: Material is non-regulated

TDG Hazard Classification: Primary – None Secondary - None