



MATERIAL SAFETY DATA SHEET

Chemtrec 24-Hour Emergency Telephone

Domestic North America
International

(800)424-9300
(800)527-3887

1. Product and Supplier Identification

Product Name: ORCA 18 oz. WEFT UNIDIRECTIONAL FABRIC

Product Number: 155BU18012

Date of Prep: 01/20/2011

Product Type: Fibrous Glass

Supplier: Orca Composites
24 S. Idaho St
Seattle, Wa 98134
(206)782-0660

2. Composition/Information On Ingredients

| Hazardous Component | | % (w/w) | CAS Number |
|---------------------|--------------------------------|---------|------------|
| A | Fiberglass Continuous filament | 90-100% | 65997-17-3 |
| B | Sizing | 0-2% | None |

This product is not classified as a Hazardous Chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

3. Hazards Identification

APPEARANCE AND ODOR: Solid. White/Off-white colored with no odor.

4. First Aid Measures

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

EYES: Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN: Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid more irritation, do not rub or scratch effected area. Rubbing or scratching may force fibers into skin. 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.

5. Fire Fighting Measures

NON FLAMMABLE

6. Accidental Release Measures

PROCEDURES IN CASE OF ACCIDENTAL RELEASE OR LEAKAGE: Avoid contact with skin, eyes or clothing (See Section 8). Clean up material, put into a suitable container and dispose of properly (See Section 13).

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place. Maintain sealed against contamination from dirt and moisture.

8. Exposure Controls, Personal Protection

| INGREDIENT: | OSHA PEL 8-HR TWA | ACGIH TLV 8-HR TWA |
|--|---|-----------------------------------|
| FIBERGLASS CONTINUOUS FILAMENT: | 5mg/m ³ (respirable dust) 15 mg/m ³ (total dust) 1 fiber/cc | 5 mg/m ³ 1 fiber/cc |
| SIZE: | None Established | Non Established |
| VENTILATION: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below regulatory limits. | | |
| PERSONAL PROTECTION: | | |
| RESPIRATORY: A properly fitted NOISH/MSHA approved disposable dust respirator such as 3M model 8210 or model 990 (in high humidity environments) or equivalent should be used when: high dust levels are encountered; the level of glass fibers in the air exceeds the OSHA permissible limits; or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134. | | |
| SKIN: Lose fitting long sleeved shirt that covers to the base of the neck, long pants and gloves. Skin irritation is know to occur chiefly at pressure points such as around the neck, wrist, waist and between fingers. | | |
| EYE: Safety glasses, goggles or face shield. | | |
| WORK AND HYGENE PRACTICES: Handle using good industrial hygiene and safety practices. Avoid unnecessary contact with dusts and fibers by using good local exhaust ventilation. Remove material from the skin and eyes after contact. Remove material from clothing using vacuum equipment (never us compressed air and always wash clothes separately from other clothing. Wipe out washer or sink to prevent loose fibers from getting on other clothing. Keep the work area clean of dusts and fibers made during fabrication by using vacuum equipment to clean up dusts and fibers (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. | | |

9. Physical and Chemical Properties

N/A

10. Stability and Reactivity

STABILITY: Stable

CONDITIONS TO AVOID: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

11. Toxicological Information

ACUTE: Fiberglass continuous filament is a mechanical irritant. Breathing dust and fibers may cause short term irritation of the mouth, nose and throat. Skin contact with dust and fibers may cause itching and short term irritation. Eye contact with dust and fiber may cause short term mechanical irritation. Ingestion may cause short term mechanical irritation of the stomach and intestines.

CHRONIC: None Known

MEDICAL CONDITION AGGRAVATED BY EXPOSURE:

Long term breathing or skin conditions that are aggravated by mechanical irritants may be at a higher risk of worsening from use or contact with this product.

FIBERGLASS CONTINUOUS FILAMENT:

The IARC in June, 1987, categorized fiberglass continuous filament as not classifiable with respect to human carcinogenicity (group 3) The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiberglass continuous filament as a possible, probable, or confirmed cancer causing material.

12. Ecological Information

No ecological data has been determined.

13. Disposal Considerations

Material for disposal should be placed in appropriate sealed containers to avoid potential human and environmental exposure. It is the responsibility of the generator to comply with all federal, state, provincial and local laws and regulations. We recommend that you contact an appropriate waste disposal contractor and environmental agency for relevant laws and regulations. Under the U.S., Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets relevant waste classification.

14. Transport Information

DOT Non-Bulk: NOT REGULATED

DOT Bulk: NOT REGULATED

IMDG: NOT REGULATED

ICAO/IATA: NOT REGULATED

This information is not intended to convey all specific regulatory or operational requirement/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. Regulatory Information

N/A

16. Other Information

Additional information on this product may be obtained by calling your sales or customer service contact. Ask for a product brochure.

Preparation Date: January 27, 2011

Prepared by: Orca Composites

Comments: This Material Safety Data Sheet was prepared using information provided by Orca Composites

Revisions: None

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