

# MATERIAL SAFETY DATA SHEET

**Fibergrate**

Composite Structures

## Safe-T-Span® Pultruded Grating

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### SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**EMERGENCY PHONE NUMBER:** (800) 527-4043

**Product:** Safe-T-Span® Pultruded Grating

**HMIS Rating:** (H=0, F=1, R=0)

**PPE:** Refer to MSDS Section VIII, Control Measures

Fibergrate Composite Structures Inc.  
5151 Beltline Road, Suite 700  
Dallas, TX 75254

**Reprint Date:** 02/05/02

**Issue Date:** 11/01/95

**Revision Date:** 01/03/05

### SECTION II - CHEMICAL INGREDIENTS

Ingredient	Cas No.	OSHA-PEL	ACGH TLV
Polymerized Resin with Styrene	None	N/A	N/A
Fiberglass Reinforcements	65997-17-3	Total nuisance dust 15 mg/mg <sup>3</sup> Respirable nuisance dust 5 mg/m <sup>3</sup>	Fibrous Glass Dust 10 mg/m <sup>3</sup>
Proprietary Ingredients (non-hazardous)	None	N/A	N/A
Quartz Silica Sand	14808-60-7	N/A	N/A

### SECTION III - PHYSICAL CHARACTERISTICS

**Property**

Boiling Point:	N/A
Melting Point:	N/A
Vapor Pressure (mmHg):	N/A
Vapor Density (Air=1):	N/A
Solubility in Water:	None
Appearance and Odor:	Various colored grids and solid shapes. Low-to-no odor.
Specific Gravity (H <sub>2</sub> O=1):	1.50 - 2.00
Evaporation Rate (Butyl Acetate=1):	N/A

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Water, Foam, Type A, B or C Extinguishers

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: Heavy black smoke, self-contained breathing apparatus recommended.

CO<sub>2</sub>, traces CO and halogen acids possible.

### SECTION V - REACTIVITY DATA

Stability:

(x) Stable ( ) Unstable

Incompatibility (Materials to Avoid):

N/A

Conditions to Avoid:

Extreme high temperature

Hazardous Decomposition or byproduct:

N/A

Hazardous Polymerization:

( ) Will Occur (x) Will Not Occur

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## SECTION VI - HEALTH HAZARD DATA

**ROUTE(S) OF ENTRY:** Inhalation? X                      Skin? X                      Ingestion? X

**HEALTH HAZARDS:** Dust from cutting may act as a mechanical irritant to skin, eyes and upper respiratory system.  
**(Acute and Chronic)** Vapors or products of thermal degradation generated by cutting or grinding may aggravate or cause respiratory conditions.

**CARCINOGENICITY:** NTP? N/A                      IARC Monographs? N/A                      OSHA Regulated? N/A

**SIGNS AND SYMPTOMS OF EXPOSURE:** Temporary irritation and itching to skin or eyes. Scratchiness or burning of the nose and/or throat if exposed to large amounts of airborne dust from cutting or machining.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Chronic dermatitis or Respiratory Conditions.

**EMERGENCY AND FIRST AID PROCEDURES:** Wash skin well without rubbing. For eyes, use a sterile solution and flood the eye area. Change clothing after exposure. Apply antiseptic to any abraded skin area.

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## SECTION VII - LEAK AND SPILL RESPONSE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** No material is released in the product's normal solid form. However, when cutting, grinding or machining if airborne dust is generated, the wearing of respirators is recommended. Control and collect any dust. Place in sturdy containers for proper disposal.

**WASTE DISPOSAL METHOD:** Control and collect any dust generated and place in sturdy containers to prevent dispersal. Dispose of in accordance with all federal, state and local regulations. Generally the dust is not considered a hazardous waste.

**OTHER PRECAUTIONS:** Do not allow dust to go uncontrolled.

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## SECTION VIII - CONTROL MEASURES

**RESPIRATORY PROTECTION:** A NIOSH/MSMA approved respirator (dust mask) should be used when cutting or grinding if airborne dust is above recommended limit (PEL over 0.1 mg/M<sup>3</sup>)

**VENTILATION:** Mechanical dust collector with local exhaust recommended at point of generation of any dust due to cutting or grinding.

**PROTECTIVE GLOVES:** Recommended for handling comfort and protection.

**EYE PROTECTION:** Goggles or safety glasses when cutting or grinding.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Barrier Cream and protective clothing when cutting or grinding.

**WORK/HYGIENIC PRACTICES:** Control and prevent accumulation of any dust generated when cutting and grinding. Do not rub or scratch skin if dust particles have accumulated on skin. Wear loose fitting long sleeved clothing when working around dust. Wash work clothing exposed to dust particles separately from other clothing.

We believe that the above information is valid and reliable. The information, however, is provided without any representation of warranty, express or implied regarding the accuracy of correctness. The conditions of handling, storage, use, cutting, grinding, disposal or other use of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, cutting, grinding, disposal or any other use of this product.