

Fibergrate Material Safety Data Sheet

Safe-T-Span® Pultruded Grating

Reprint Date: 03/07/11 | Issue Date: 11/01/95 | Revision Date: 03/07/11

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 1212
Dallas, TX 75254

Section II - Chemical Ingredients

Chemical Component	Cas No.	OSHA-PEL	ACGH TVL
Polymerized Resin	None	N/A	N/A
Fiberglass Reinforced Plastic (FRP)	65997-17-3	Total nuisance dust 15 mg/m ³ Respirable nuisance dust 5 mg/m ³	10 mg/M ³ (Fibrous Glass Dust)
Proprietary Ingredients	None	N/A	N/A
Quartz Silica Sand	14808-60-7	N/A	N/A

Section III - Physical Characteristics

Property	Measurement
Boiling Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Specific Gravity	1.5 - 2.0
Melting Point	N/A
Evaporation Rate	N/A
Solubility in Water	None
Appearance and Odor	Various colored grids and solid shapes. Low to no odor.

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Section IV - Fire and Explosion Hazard Data

Flash Point:	N/A
Flammable Limits:	N/A
Extinguishing Media:	Water; Foam/Type A, B, or C Extinguishers
Special Firefighting Procedures:	N/A
Unusual Fire & Explosion Hazards:	Heavy black smoke, self contained breathing apparatus recommended. CO ₂ traces, CO and halogen acids possible.
LEL:	N/A
UEL:	N/A

Section V - Reactivity Data

Stability:	Stable
Conditions to Avoid:	Extreme high temperatures
Incompatibility:	N/A
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization:	Will not occur

Section VI - Health Hazard Data

Routes of Entry:	Inhalation, Skin and Ingestion
Health Hazards (Acute & Chronic):	Dust from cutting may act as a mechanical irritant to skin, eyes and upper respiratory system. 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 & Symptoms of Exposure:	Temporary irritation and itching to skin or eyes. Scratchiness or burning of the nose and/or throat if exposed to large amount 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 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.

Section VIII - Control Measures

Respiratory Protection:	A NIOSH-MSMA approved for dusts and mists with PEL not less than 0.1 mg/M ³ when cutting or grinding.
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 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, expressed or implied regarding the accuracy of correctness. The conditions of methods 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.