

# MATERIAL SAFETY DATA SHEET

**Fibergrate**

Composite Structures

## Structural Shapes - VEFR

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### SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

EMERGENCY PHONE NUMBER: (800) 527-4043

Product: Pultruded Fiberglass Thermoset Vinyl Ester  
HMIS Rating: (H=0, F=1, R=0)  
PPE: Refer to MSDS Section VIII, Control Measures

Reprint Date: 02/13/08

Issue Date: 01/29/02

Revision Date: 02/13/08

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

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

### SECTION II - HAZARDOUS INGREDIENTS

Component	Cas No.	OSHA-PEL	Percentage
Vinyl Ester Resin, Polymerized	None	N/A	30-50
Fiberglass	None	Total nuisance dust 15 mg/m <sup>3</sup>	50-70

### 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 shapes and colors. Slight plastic odor.
Specific Gravity (H2O=1):	1.60 - 2.00
Evaporation Rate (Butyl Acetate=1):	N/A

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A
Flammable Limits:	N/A
Extinguishing Media:	Water, CO <sub>2</sub> , Dry Chemical, Foam
Special Fire Fighting Procedures:	Self-Contained Breathing Apparatus. Avoid breathing fumes and smoke from fire.
Unusual Fire & Explosion Hazards:	None

### SECTION V - REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY (Materials to Avoid):	N/A
CONDITIONS TO AVOID:	Extreme high temperature
HAZARDOUS DECOMPOSITION OR BYPRODUCT:	N/A
HAZARDOUS POLYMERIZATION:	Will Not Occur

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## SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: Inhalation, eyes, contact with skin

### SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Dry scratchy throat  
EYES: Irritation  
SKIN: Irritation

### EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air  
EYES: Flush with approved eye wash  
SKIN: Wash with soap and water

Consult physician if symptoms continue.

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

WASTE DISPOSAL METHOD: Abide by local, state and federal laws. Not considered a hazardous waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use dust collector when sawing or routing.  
Gloves for handling comfort.

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## SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Dust mask, dust collector  
VENTILATION: Local exhaust  
PROTECTIVE GLOVES: Leather  
EYE PROTECTION: Safety glasses  
MECHANICAL: General

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