

# MATERIAL SAFETY DATA SHEET

**Fiber-Tech Industries Inc.**  
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**PRODUCT:** Fiber-Foam® w/PVC Core

**Release Date:** September 12, 2002

## SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME: Fiber-Foam® w/PVC Core  
GENERAL OR GENERIC NAME: FRP Panel with PVC Plastic Foam Core Material  
D.O.T. Hazard Classification: ORM-C / No Label Required  
NFPA/HMIS CLASSIFICATION:  
Health 1  
Flammability 0  
Reactivity 0  
HMIS None Required

## SECTION II – PRODUCT IDENTIFICATION

Ingredient	CAS No.	%by Wt.	PEL	TLV
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Product contains no hazardous materials per 29CFR1910.1200

Note: Cutting, milling, drilling, routing, or otherwise fabricating this material may produce the following

Particles- Not Regulated	NA	NA	TWA=15 mg/m <sup>3</sup>	NA
Fiberglass Dust	65997-17-3	NA	TWA=15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> (respiratory)	TWA=10 mg/m <sup>3</sup>

## SECTION III – PHYSICAL DATA

Property	Refinement	Measurement
Boiling Point	Finished Material	NA
Vapor Pressure	Finished Material	Less than 1mmHG @ 68F (20C)
Vapor Density	Air = 1	Solid, NA
Specific Gravity		Approx. 0.44 w/ 3/8" core
Percent Volatile		Less than 1%
Evaporation Rate	Ether = 1	Solid, NA
Solubility in Water (%)		Less than 0.01%
Physical Softening		145-175F (Core)
Appearance		Flat Rigid Sheet with FRP Surfaces laminated to a foam core.

**SECTION IV – FIRE AND EXPLOSION DATA**

Flash Point	Greater Than 715 F
Auto ignition	None Known
Flammability	Flammable by direct flame only
Hazardous Decomposition Products	Hydrogen Chloride, Carbon Monoxide
Extinguishing Media	Water, Water Fog, Water Froth
Special Firefighting Procedures	Self Contained Breathing Apparatus and protective clothing should be worn in a sustained fire. Avoid using a direct jet of water on molten plastics. Secure and segregate water and fire waste and treat it as hazardous waste.
Unusual Fire and Explosion Hazards	None Known

**SECTION V – HEALTH DATA**

Permissible Exposure Level	None Established for the Product. Refer to SECTION II for protective wear, and SECTION II for hazardous materials
Nature of Hazard	Dust may become airborne during machining operations.
Primary Routes of Entry	Inhalation (Dust)
Signs and Symptoms of Exposure	Shortness of breath, dizziness (Dust)
Effects of Chronic Exposure	No chronic health effects are known for this product; however, direct inhalation of dust and smoke should be avoided. No medical conditions are known which might be aggravated by exposure to this product during normal handling.
Emergency Treatment	Remove the affected to fresh air, consult physician if shortness of breath continues. (Dust)
Effects of Overexposure (Dust)	<u>Eyes</u> – Can cause mild irritation, redness, tearing, and blurry vision. <u>Skin</u> – None Known <u>Breathing</u> - Excessive inhalation of dust can cause asphyxiation and/or irritation of lung tissue. <u>Swallowing</u> - None Known
General First Aid	<u>Skin</u> - Wash area with soap and water when convenient to do so. <u>Eyes</u> – Flush with large amounts of water. Seek medical attention if irritation persists.

**SECTION V – HEALTH DATA (CONTINUED)**

General First Aid (Continued)

Swallowing – If large quantities have been ingested, seek medical attention.

Inhalation - If asphyxia is apparent, remove individual to fresh air. If Breathing is difficult, administer oxygen. If breathing is stopped, give artificial respiration. Get medical attention.

**SECTION VI – REACTIVITY DATA**

Hazardous Polymerization

Will not occur

Stability

Long term Maximum Use temperature is 180 F (82C) for core.

Incompatibility

Avoid Contact with open flame or excessive heat (320F, 160C).

Conditions to Avoid

Open Flame or Excessive Heat. Sustained burning will result in noxious or irritating fumes.

Hazardous Decomposition Products

Exposure to open flame may liberate Hydrogen Chloride (core), and traces of Hydrogen Cyanide (core) and Nitrous Oxides (core). Other decomposition products include Carbon Monoxide and Carbon Dioxide

**SECTION VII – SPILL, LEAK AND DISPOSAL PROCEDURES**

In Case of Spill

Broom or vacuum dust. Avoid allowing excessive amounts of dust to become airborne.

Waste Disposal Method

Dispose as solid industrial waste in a method that is consistent with all local, state, and federal regulations.

D.O.T. (48CFR171.8)/EPA (40CFR117)  
Reporting Information

<u>Hazardous Substance</u>	NONE
<u>Reportable Quantity</u>	NA
<u>Concentration of Hazardous Substance</u>	NONE
<u>Reportable Quantity of Product</u>	NA

**SECTION VIII – PROTECTIVE EQUIPMENT**

Respiratory Protection	Where use results in generation of dust from the product (sawing, milling, machining, sanding, etc.), respiratory protection with a NIOSH approval of TC-21C-132 is recommended.
Ventilation	Where use results in generation of dust from the product (sawing, milling, machining, sanding, etc.), provide ventilation sufficient to prevent excessive concentrations of airborne dust from developing.
Protective Gloves	Not Necessary
Eye Protection	Where use results in generation of dust from the product (sawing, milling, machining, sanding, etc.), goggles are recommended.
Other Protective Equipment	Normal work clothing covering arms and legs

**SECTION IX – SPECIAL PRECAUTIONS AND OTHER COMMENTS**

Precautions in Handling and Storage	<ol style="list-style-type: none"><li>1. Product is combustible. Avoid contact with direct flame.</li><li>2. For retention of core dimensional stability, do not store above 120F</li><li>3. During machining or high speed abrading in dry weather, the product may collect a static charge. To avoid an explosion due to Electrostatic Discharge (ESD) do not perform such operations in the presence of flammable vapors.</li></ol>
Other Precautions	Abrasive dust may irritate skin.
Comments	The information accumulated herein is believed to be accurate, but is not warranted to be, whether or not it was originated by Fiber-Tech Industries. Recipients are advised to confirm in advance that the information is current, applicable, and suitable for their needs.

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