



**MATERIAL SAFETY DATA SHEET**

Section I – Product and Company Identification

**Trade Name:** E-Glass Armor Panels  
**Chemical Name:** Fiberglass Reinforced Plastic  
**Chemical Family:** Reinforced Polymerized Thermoset Polyester.  
**Uses:** Personnel Protection

Date: 10/5/2011  
Date Printed: 10/6/2011

**Manufacturer:**  
Fiber-Tech Industries, Inc  
2000 Kenskill Avenue  
Washington Court House, OH 43160

Section II – Information on Ingredients

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>Weight Percent</b>	<b>OSHA PEL As Dust:</b>
Polyester Resin (Cured)	Mixture	20-30%	15 mg/m <sup>3</sup> (Total)
Woven Fiberglass	65997-17-3	70-80%	5 mg/m <sup>3</sup> (Respirable)

Section III – Physical Data

**Boiling Point:** NA  
**Percent Volatile:** NA  
**Vapor Pressure:** NA  
**Solubility in Water:** Insoluble  
**Appearance and Odor:** Rigid Sheet, No Significant Odor

Section IV- Fire and Explosion Hazard

**Flash Point:** Material is considered Non-Flammable  
**Ignition Temperature:** Typically >650 F  
**Extinguishing Media:** Foam, water, CO<sub>2</sub>, or dry chemical extinguishers are all compatible.  
**Fire Fighting Procedures:** Fire type and environment will dictate best procedures and equipment to use. Wear self contained breathing apparatus with full face shields when fighting heavy/large scale fires.  
**Unusual Fire or Explosion Hazards:** May form toxic materials such as Carbon Monoxide, Carbon Dioxide, and various hydrocarbons.

### Section V – Health Hazards

Dust from grinding, cutting or otherwise machining may cause temporary mechanical irritation to eyes, skin, or upper respiratory tract.

#### **First Aid Measures:**

**Inhalation:** If dust is inhaled, remove to fresh air. If not breathing, give artificial respiration. Get Medical Attention Immediately.

**Eye:** In case of dust contact with the eyes, flush with large amounts of water for at least 15 minutes with eyelids open. Get Medical attention.

**Skin:** Dust on the skin should be washed away with mild soap and room temperature to cool water. If irritation persists, get Medical attention.

**Ingestion:** Ingestion is highly unlikely. If swallowed, get Medical attention.

### Section VI – Reactivity Data

**Stability and Incompatibility:** Stable under normal conditions. Hazardous polymerization will not occur. Avoid contact with strong oxidizers.

**Hazardous Decomposition Products:** May form toxic materials such as Carbon Monoxide, Carbon Dioxide, and various hydrocarbons when burned or oxidized.

### Section VII – Spill and Leak Procedures

Not Applicable

### Section VIII – Special Protection

**Respiratory:** Use adequate ventilation and cover nose and mouth with NIOSH/OSHA approved mask when grinding, cutting or otherwise machining the material.

**Eye Protection:** Wear eye protection when grinding, cutting or otherwise machining the material to prevent getting dust in eyes.

**Skin Protection:** Wear protective gloves when handling material. When grinding, cutting or otherwise machining, wear long pants and long sleeve shirt. Wash skin with soap and water after handling. Wash dusty work clothes before wearing them again.

### Section IX – Special Precautions

Store away from heat, open flame, or other ignition sources and incompatible materials. Do not eat or drink in fabrication areas.

Dispose of material as solid waste in compliance with all applicable local, state, and federal regulations.

*Section X – Regulatory Information*

**HMIS:** Health 1, Flammability 0, Reactivity 0. Health Hazard relates to dust.

**DOT:** Not Classified as Hazardous

**SARA Title III**

Section 302/304 – No Extremely Hazardous Substances

Section 311 – Hazardous Categorization – None

Section 313 – Toxic Substances – None

**TSCA** – The product is an article as defined by TSCA, and is not required to be listed in the TSCA inventory.

**RCRA** – The product is not listed in Federal Hazardous Waste Regulations. State or local regulations may apply that are different from the Federal regulation.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATED BY FIBER-TECH INDUSTRIES OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE FOR THEIR NEEDS. ALL CUSTOMERS/USERS ARE OBLIGATED TO DETERMINE THE CONDITIONS FOR SAFE USE OF THESE PRODUCTS.