

# POWERTRUSION Products

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MATERIAL SAFETY DATA SHEET

Information: 888.274.7855

## SECTION I – PRODUCT INFORMATION

TRADE NAME AND SYNONYM: Fiberglass Reinforced Polymer (FRP) PT CROSSARM

CHEMICAL NAME AND FAMILY: FRP Thermoset Polyurethane

C.A.S. NUMBER: None

FORMULA: Proprietary Mixture

## SECTION II – HAZARDOUS INGREDIENTS INFORMATION

<u>INGREDIENT</u>	<u>C.A.S. NUMBER</u>	<u>PERCENT BY WEIGHT</u>	<u>EXPOSURE LIMITS</u>
Fiberglass	65997-17-3	55 % - 75 %	OSHA – PEL 15 mg/m <sup>3</sup> (Total Nuisance Dust) OSHA – PEL 5 mg/m <sup>3</sup> (Respirable Nuisance Dust) ACGIH – TLV 10 mg/m <sup>3</sup>
Thermoset Resin	Proprietary	25% - 45 %	Not Applicable
Styrene	100-42-5	Trace Amounts	OSHA – PEL 50 PPM OSHA – STEL 100 PPM ACGIH – STEL 100 PPS ACGIH – TLV 50 PPM

## SECTION III – PHYSICAL DATA

Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density (Air = 1)	Not applicable
Appearance and Odor	Generally brown or dark grey without odor
Specific Gravity (H <sub>2</sub> O = 1)	1.9 – 2.2
% Volatiles by Volume	None (75°)
Evaporation Rate	0
Solubility in Water	Insoluble

## SECTION IV – FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Water, Foam: Type A, B, or C Extinguishers. Conforms to UL 94V-0

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus.

UNUSUAL FIRE and EXPLOSION HAZARDS: Heavy smoke, CO<sub>1</sub>, CO<sub>2</sub>.

### **SECTION V – HEALTH HAZARD DATA**

#### **EFFECTS OF OVER EXPOSURE:**

PERMISSIBLE EXPOSURE LIMITS: Listed in Section II

INHALATION: May cause irritation in the throat and nose, congestion with extreme exposure.

SKIN and EYES: May cause dryness and irritation from exposed fiber contact and nuisance dust.

#### **FIRST AID PROCEDURES:**

INHALATION: Remove victim from exposure. If irritation persists, seek medical attention.

SKIN: Wash with mild soap and water. Irritation may be treated with hydrocortisone cream. If irritation persists, seek medical attention.

EYES: Flush eyes with a sterile solution flooding the eye area. If irritation persists, seek medical attention.

### **SECTION VI – REACTIVITY DATA**

STABILITY: Stable.

INCOMPATIBILITY OR CONDITIONS TO AVOID: Extreme chemical or acidic exposure.

### **SECTION VII – SPILL OF LEAK PROCEDURE**

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Not applicable.

WASTE DISPOSAL METHODS: Material recyclable. Abide by local, state and federal regulations.

HAZARDOUS WASTE: None. Cutting, sanding or grinding FRP is not hazardous.

### **SECTION VIII – SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: Dust mask worn when cutting and drilling.

VENTILATION: Local exhaust if need to control nuisance dust.

PROTECTIVE GLOVES: Recommended when cutting and drilling.

EYE PROTECTION: Safety glasses or goggles recommended when cutting and drilling.

### **SECTION IX – SPECIAL PRECAUTIONS**

PRECAUTIONS TAKEN IN HANDLING AND STORAGE: None

OTHER PRECAUTIONS: None

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