



**MSDS No: PT-01**

Revision Date: Feb-10-2003

**MATERIAL SAFETY DATA SHEET**

Information: (480) 951-8111

**SECTION I – PRODUCT INFORMATION**

TRADE NAME AND SYNONYM:      Fiberglass Reinforced Polymer (FRP) PT Pole  
CHEMICAL NAME AND FAMILY:   FRP Thermoset Polyester  
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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