



## MATERIAL SAFETY DATA SHEET

(Revised August 1, 2014)

### SECTION 1. MATERIAL AND COMPANY INFORMATION

Chemical Name: Phenolic Resin and Continuous Fiber glass Chemical Family: Cured Thermoset Composites

Product Name: Flame Shield Product Use: Conduit and Fittings

Manufactured by: Champion Fiberglass, Inc. Contact: [www.championfiberglass.com](http://www.championfiberglass.com)  
6400 Spring Stuebner Rd. Phone: 281.655.8900  
Spring, Texas 77389 Fax: 281.257.2523

### SECTION 2. COMPOSITION / INFORMATION on INGREDIENTS

<u>CAS Number</u>	<u>Components</u>	<u>Percent</u>
#65977-17-3	Fiber Glass	60 - 85
Mixture	Cured Resin	15 - 40

### SECTION 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Products are glassy hard and inert to most things. Toxic fumes and gases may be released during combustion.**Hazard Statements:** Cutting, grinding, sanding, or other machine operations, may generate nuisance dust, which can cause skin, eye, and respiratory tract irritations. No OSHA nor ACGIH limits have been established.**Primary Entry Route(s)** Inhalation, Skin and eye contact.**Potential Health Effects:** Eyes Dust can cause irritation.**Potential Health Effects:** Skin Dust may be irritating to dermal tissue producing itching and mechanical irritation.**Potential Health Effects:** Ingestion Dust may be irritating to digestive tract.**Potential Health Effects:** Inhalation Dust may be irritating to the upper respiratory tract (mouth, nose, and throat).**HMIS RATINGS: Health: 1 Fire: 1 Reactivity: 0 Pers. Prot.: Gloves**  
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe\* = Chronic hazard

### SECTION 4. FIRST AID MEASURES

**First Aid:** Eyes Dust Contact; flush with water for 15 minutes.**First Aid:** Skin Contact Dust contact; wash with soap and water.**First Aid:** Ingestion Seek medical attention if irritation persists.**First Aid:** Inhalation See physician if respiratory irritation occurs.**First Aid:** Note to Physician: Provide supportive measures and treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

**Flash Point:** n/a

**Method Used:** n/a

**Upper Flammable Limit (UFL):** n/a

**Lower Flammable Limit (LFL):** n/a

**Auto Ignition:** n/a

**Flammability Classification:** Non-Flammable

**General Fire Hazards:** No unusual hazards

**Extinguishing Media:** Self Extinguishing

**Fire Fighting Equipment/Instructions:** Wear full protective equipment including self-contained breathing apparatus.

**NFPA RATINGS: Health: 1 Fire: 1 Reactivity: 0 Other: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Containment Procedures:** Pick up pieces. Vacuum clean dusts. If sweeping is necessary, use a dust suppressant (water). See Section 13 for disposal information.

## SECTION 7. HANDLING AND STORAGE

**Handling Procedures:** Wear Gloves. Provide adequate ventilation to keep dust level below PEL/TLV/WEG (Work Place Exposure Guideline) when cutting or grinding

**Storage:** Long term sunlight exposure may affect product appearance. Do not store near ignition source.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:** n/a

**Engineering Controls:** Exhaust ventilation may be needed when machining.

### PERSONAL PROTECTIVE EQUIPMENT:

**Personal Protective Equipment: Eyes/Face:** Goggles or Safety Glasses with side shields

**Personal Protective Equipment: Skin:** Gloves and long sleeve shirts, long pants.

**Personal Protective Equipment: Inhalation:** A properly fitted NIOSH/MSHA approved dust respirator should be worn when grinding or cutting. Note. If less than 10 F/cc, use 3M 9960; if less than 50 F/cc, use MSAQ ultra-twin with H filter or equivalents.

**Personal Protective Equipment: General:** Use good industrial hygiene practices in handling this material.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid

**Odor:** No odor

**Color:** Black or Gray

**Specific Gravity (H<sub>2</sub>O = 1):** 1.7 – 1.9

**Solubility in water:** n/a

**Boiling Point:** n/a

**Vapor Pressure:** n/a

**Vapor Density:** n/a

**PH:** n/a

## SECTION 10. STABILITY AND REACTIVITY

**Chemically Stable:** Stable

**Chemical Stability:** Conditions to Avoid n/a

**Incompatibility:** Ignition sources

**Hazardous Decomposition:** Carbon monoxide

**Hazardous Polymerization:** Will not occur.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** n/a

**Carcinogenicity:** n/a (This substance or mixture as per IARC is not classifiable as to human carcinogenicity and it has not been classified as a carcinogen by NTP or SHA).

**Epidemiology:** n/a

**Neurotoxicity:** n/a

**Mutagenicity:** n/a

**Teratogenicity:** n/a

**Other Toxicological Information:** n/a

## **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** n/a

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**US EPA Waste Number & Descriptions** None (insure conformity with local disposal regulations): Waste are not hazardous as defined by RCRA (40 CFR Part 261). Landfill Reportable Quantity n/a

**Disposal Instructions:** Non-Hazardous Material

## **SECTION 14. TRANSPORT INFORMATION**

### **U.S. DOT Information:**

Shipping Name: Plastic Pipe and Fittings

Hazard Class: non-regulated

UN/NA#: n/a

Required Label(s): n/a

Additional Info: n/a

### **International Transportation Regulations**

No additional information

## **SECTION 15. REGULATORY INFORMATION**

### **US Federal Regulations**

Component Information: This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

**State Regulations:** n/a

## **SECTION 16. OTHER INFORMATION**

**Reference:** Prepared in accordance with 29 CFR 1910.1200

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