

Material Safety Data Sheet

Material Name: Pipe and Fittings

ID: Amer-003

The MSDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

\*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

Part Number: NA

Chemical Name: Cured Epoxy, Vinylester, Isophthalic Polyester, or Phenolic Resin and Continuous Fiber glass

Product Use: Pipe and Fittings

Synonyms: Bondstrand®: BS LD; BS RPMP; BS RTRP; BS 100; BS 450; BS 800; BS 1000; BS 1600; BS 2000; BS 2000M; 2000M-WD; BS 3000; BS 3200; BS 3300A; BS 3400; BS 4000; BS 4100; BS 4100AR; BS 4200AR; BS 5000; BS 5020; BS 5100; BS 5100AR; BS 5200AR; BS 7000; BS 7000M; BS-7000M-WD; PSX Jet Fire; PSX L3; DUALLOY® 3000L; 3000LCX; 3000A; HP 1000; KEYLOCK; PRONTOLOCK; QUICK LOCK; BUTT & WRAP; PIPE & FITTINGS; MOLDED FITTINGS

Manufacturer Information

Ameron International Fiberglass Div
1004 Ameron Road
P. O. Box 878
Burkburnett, TX 76354

Phone #: (940) 569-1471
Fax #: (940) 569-2764
Chemtrec 24 hr Emergency #: (800) 424-9300

\*\*\* Section 2 - Composition / Information on Ingredients \*\*\*

Table with 3 columns: CAS#, Components, Percent. Rows include Fiber Glass (13 to 80%), Cured Resin (20 to 80%), and Silica (Crystalline \*\*) (0 to 65%).

REGULATORY: \* Cancer or cancer suspect agent ; \*\* CALIF. TITLLE 26:22-12000 (Prop 65). Warning: This product contains a chemical known to the State of California to cause cancer. All ingredients are on TSCA inventory or are exempt. (SARA, CERCLA, HAPs) toxic chemical subject to reporting requirements of SARA and CERCLA (40 CFR 302, 355, 372) or HAPs (40 CFR 63)

Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

\*\*\* 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. The Crystalline Silica (Quartz) in the dust form is considered a Cancer or Cancer suspect agent when it is breathed. In this product the sand is completely incorporated into the product and will only pose a health problem if the product is subjected to mechanical grinding. Note: Crystalline Silica is only present in select product series.

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). The Crystalline Silica (Quartz) in the dust form is considered a Cancer or Cancer suspect agent when it is breathed. In this product the sand is completely incorporated into the product and will only pose a health problem if the product is subjected to mechanical grinding. Note: Crystalline Silica is only present in select product series.

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** 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: Notes to Physician:** Provide supportive measures and treat symptomatically.

\*\*\* Section 5 - Fire Fighting Measures \*\*\*

<b>Flash Point:</b>	NA	<b>Method Used:</b>	NA
<b>Upper Flammable Limit (UFL):</b>	NA	<b>Lower Flammable Limit (LFL):</b>	NA
<b>Auto Ignition:</b>	NA	<b>Flammability Classification:</b>	Non-Flammable

**General Fire Hazards:**  
 Toxic fumes and gases may be released during combustion.

**Extinguishing Media:**  
 Water, CO<sub>2</sub>, foam or dry chemicals

**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:** NA

\*\*\* Section 7 - Handling and Storage \*\*\*

**Handling Procedures:** Wear gloves  
**Storage Procedures:** 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:** Safety glasses  
**Personal Protective Equipment: Skin** Gloves and long sleeve shirts, long pants  
**Personal Protective Equipment: Respiratory** A properly fitted NIOSH/MSHA approved dust respirator should be worn when grinding.  
**Personal Protective Equipment: General** Use good industrial hygiene practices in handling this material.

\*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Solid	<b>Odor:</b>	NA
<b>Physical State:</b>	NA	<b>pH:</b>	NA
<b>Vapor Pressure:</b>	NA	<b>Vapor Density:</b>	NA
<b>Boiling Point:</b>	NA	<b>Melting Point:</b>	NA

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Solubility (H<sub>2</sub>O): Insoluble  
Freezing Point: NA  
Softening Point: NA  
Viscosity: NA  
Percent Volatile: NA

Specific Gravity: NA  
Particle Size: NA  
Evaporation Rate: NA  
Bulk Density: NA  
Molecular Weight: NA

Physical Properties: Additional Information

None

\*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

Chemical Stability: Stable

Chemical Stability: Conditions to Avoid NA

Incompatibility: Ignition sources

Hazardous Decomposition: Carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen cyanide when burned.

Hazardous Polymerization: Will not occur

\*\*\* Section 11 - Toxicological Information \*\*\*

Acute Toxicity

**A: General Product Information:** The Crystalline Silica (Quartz) in the dust form is considered a Cancer or Cancer suspect agent when it is breathed. In this product the sand is completely incorporated into the product and will only pose a health problem if the product is subjected to mechanical grinding. **Note:** Crystalline Silica is only present in select product series.

**B: Component LD50/LC50** NA

Carcinogenicity

**A: General Product Information** NA

**B: Component Carcinogenicity:** The Crystalline Silica (Quartz) in the dust form is considered a Cancer or Cancer suspect agent when it is breathed. In this product the sand is completely incorporated into the product and will only pose a health problem if the product is subjected to mechanical grinding. **Note:** Crystalline Silica is only present in select product series.

Epidemiology NA

Neurotoxicity NA

Mutagenicity NA

Teratogenicity NA

Other Toxicological Information NA

\*\*\* Section 12 - Ecological Information \*\*\*

Ecotoxicity NA

Environmental Fate NA

\*\*\* Section 13 - Disposal Considerations \*\*\*

US EPA Waste Number & Descriptions

**A: General Product Information:** NA

**B: Component Waste Numbers:** NA

Disposal Instructions: Non-Hazardous Material

\*\*\* Section 14 - Transportation information \*\*\*

**US DOT Information****Shipping Name:** Plastic Pipe and Fittings**Hazard Class:** non-regulated**UN/NA#:** NA**Packing Group:** NA**Required Label(s):** NA**Additional Info:** NA**International Transportation regulations**

No additional information.

**\*\*\* Section 15 - Regulatory Information \*\*\*****US Federal Regulations****A: General Product Information:****B: 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****A: General Product Information:** NA**B: Component Information****Other Regulations****A: General Product Information:** NA**B: Component Information:** NA**\*\*\* Section 16 - Other Information \*\*\*****Other Information** Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.**Key/Legend**

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health administration.

**Contact Person:** Douglas Boberg**Contact Phone** (940) 569-1471**This is the end of MSDS # AMER-003**