Material Safety Data Sheet (MSDS)

GENERAL INFORMATION

MANUFACTURER: Pearson Pilings, LLC
846 Airport Road
Fall River, MA 02720
Phone: 508-675-0594
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PRODUCT NAME: Fiberglass Composite Pilings
DESCRIPTION: Sructural Fiberglass Columns

MATERIALS:

Outer Skin: PET (Polyester terephthalate polypropylene copolymer)
Fiberglass: E-Glass roving and mat
Resin: Unsaturated Polyester Resin Solution
Chemical Family is Polyester
Final Matrix: The polyester resin is characterized by the ability to convert from liquid to solid form through polymerization. Once polymerized (cured), the resin cannot be converted back to their original liquid state. Any monomer solutions have evaporated or polymerized through the curing process.

PHYSICAL CHARACTERISTICS:

Melting Range: Outer skin – 450 F.
Laminate – 575 F.
Specific Gravity: 1.85
Solubility: Insoluble in water, mild acids and bases, aliphatic and aromatic hydrocarbons

FIRE/EXPLOSION HAZARDS:

Autoignition Temperature: >500 F.
Extinguishing Media: Water spray, carbon dioxide or dry chemical
Special Fire Fighting Procedures: Respiratory and eye protection should be provided for trained fire-fighting personnel to avoid contact with combustion products.

REACTIVITY HAZARD DATA:

Chemical Stability: Stable
Incompatability: Avoid contact with strong acids and bases. May react violently with hydrofluoric acid.
Hazardous Decomposition Products: At temperatures above 570 F. decomposition products include carbon dioxide, carbon monoxide and traces of acetaldehyde and acrolein.

HAZARD HEALTH DATA:

Effects of exposure:
Eyes: Grinding dust may cause irritation. Mechanical irritation only.
Skin: Non-irritating unless fine dust generated, then a mild irritant – use protective clothing when grinding.
Ingestion: Non-toxic
Inhalation: Sanding dust may cause mechanical throat and lung irritation.

CONTROL / PROTECTIVE MEASURES:

Protective Clothing: None required. Gloves should be used when grinding ends. No special hazards anticipated under normal conditions encountered in storage, application and disposal.

NFPA:

Health = 0
Flammability = 1
Reactivity = 0

HMIS (Hazardous Materials Identification System)

Health = 0
Flammability = 1
Reactivity = 0

Key: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

NOTICE:

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