

MATERIAL SAFETY DATA SHEET

FOR HOBAS PIPE

Product Name: Fiberglass pipe

Manufacturer: Facility, Company, or Subsidiary: One Facility

Address: 1413 E. Richey Rd., Houston, Texas 77073

Phone (during normal business hours): 281-821-2200

Date of Preparation: October 17, 2019

SECTION 1 -- COMPONENT DATA

Chemical Components	C.A.S. Number	% WT.
Primary Material		
Polyester Resin or Vinyl Ester	Proprietary	15 - 50%
Crystalline Silica Sand	None Assigned	5 - 60%
Fiber Glass	39382-25-7	5 - 30%
Calcium Carbonate CaCo3	1317-65-3	0 - 50%

SECTION 2 -- PHYSICAL DATA

Boiling Point:	N/A	Vapor Pressure N/A
Vapor Density:	N/A	Percent Volatile by Volume
Specific Gravity:	2.0	
Evaporative Rate:	N/A	

Appearance and Odor: OD is Brown, ID is Green, Odorless.

SECTION 3 -- FIRE & EXPLOSION HAZARD DATA

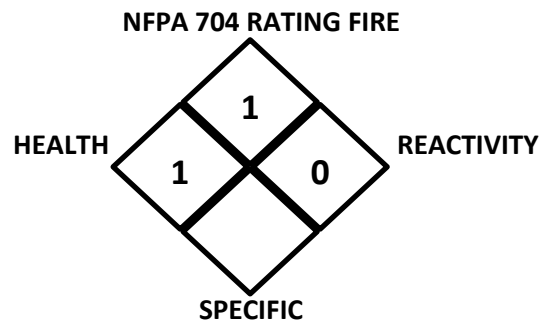
Flash Point (F): N/A	Method Used:
Flammability Limits (% Vol): N/A	LEL: N/A UEL: N/A
Auto-Ignition Temperature (F): 550	*Extinguishing Media: (see page 4 of MSDS)
*Special Fire-Fighting Instructions: (See page 4 of MSDS)	*Unusual Fire and Explosion Hazard: N/A (See page 4 of MSDS)

SECTION 4 -- REACTIVITY DATA

Stability (conditions to avoid): Stable **Incompatibility** (materials to avoid): None

Hazardous Decomposition Products: Silica and Fiberglass will create dust when cutting and grinding. Use appropriate respiratory protection.

Hazardous Polymerization: Will not occur.



SECTION 5 -- HEALTH HAZARD DATA

Primary Route(s) of Entry: When in solid state, none. When Cutting or Grinding, Inhalation and Skin Contact

Effects of Exposure: No toxic effects are expected from its inert solid form. Prolonged, repeated over exposures to dust generated during cutting and grinding may cause adverse health effects associated with the following constituents:

Inhalation:

Crystalline Silicon Sand: Silicosis

Fiber Glass: Irritation to nose and throat.

Polyester Resin or Vinyl Ester: Vapors may cause mucous membrane irritation and upper respiratory tract discomfort.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation.

Ingestion: May cause irritation of the mouth and throat.

Medical Condition known to be aggravated by exposure of this material: Persons with lung disorder or diseases or skin disorders may be at an added risk as a result of exposure to this material.

Exposure Limits:

Chemical Components:	OSHA pel.	ACGIH TLV
Crystalline Silicon Sand:	10mg/m ³	10mg/m ³
Fiber glass:	Total Nuisance Dust 15 mg/m ³ Respirable Nuisance Dust 5mg/m ³	10mg/m ³
Calcium Carbonate CaCO ₃ :	TWA 10mg/m ³	

SECTION 6--EMERGENCY & FIRST AID PROCEDURES

Inhalation: In case of over exposure, immediately move person from contaminated area to fresh air. Give artificial respiration if breathing has stopped, or oxygen, if necessary. Seek medical attention.

Sink: If irritation develops, remove contaminated clothing immediately and wash contaminated skin with soap or mild detergent and water for five minutes. If irritation persists, seek medical attention.

Eyes: In case of contact, immediately wash eyes with large amounts of water for fifteen minutes, occasionally lifting the lower and upper lids. Seek medical attention, if necessary.

Ingestion: Seek medical attention, if necessary.

SECTION 7--SPECIAL HANDLING INFORMATION

Ventilation: Ventilation, as described in the industrial Ventilation Manual provided by the American Conference of Governmental Industrial Hygienists, shall be provided in areas where exposures are above the permissible exposure limits or threshold limit values specified by OSHA or other local, state and federal regulations.

Respiratory Protection: A properly fitted, NIOSH-approved, dust-respirator must be worn during all cutting or grinding of pipe.

Protective Clothing: Use appropriate protective clothing, such as long sleeve shirt and leather gloves when cutting or grinding.

Eye Protection: Use approved eye protection, (ANSI Z87.1-1989) such as Safety Glasses, Goggles, and Face Shield when cutting or grinding pipe.

SECTION 8--SPILL, LEAK & DISPOSAL PROCEDURES

Action to take for spills (use appropriate safety equipment): N/A

Waste Disposal Method: N/A

SECTION 9 -- SPECIAL PRECAUTIONS / ADDITIONAL INFORMATION:

Precautions to be taken in handling and storage: Make sure pipe is chocked to prevent pipe from rolling.

DOT Information:

Hazardous Material Proper Shipping Name: N/A

Hazard Class: N/A

Identification: N/A

EPA Hazardous Waste Number: N/A

Special Fire Fighting Instructions: Fire fighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

Unusual Fire & Explosion Hazard: Toxic fumes will develop during a fire. No threat of explosion when in solid state.

Extinguishing Media: Water spray, foam, dry chemical carbon dioxide or any class B extinguishing agent

Additional Information: During cutting and grinding, precautions should be taken for airborne contaminants that may originate from cutting or grinding. Of special concern are Fiber Glass and Silica Sand.

While the information and recommendations set forth on this data sheet are believed to be accurate based on the present data. HOBAS Pipe makes no warranty with respect thereto and disclaims all liability from reliance thereon.