

# Material Safety Data Sheet

Complies with OSHA'S Hazard  
Communication Standard,  
29 CFR 1910.1200

Health	0
Flammability	0
Reactivity	0
HMIS RATINGS	

**IDENTITY** (As Used on Label and List)  
FABMAT, FORTESIL FABMAT

## Section I

Manufacturer's Name FIBER GLASS INDUSTRIES, INC	Emergency Telephone Number (518) 842-4000
Address (Number, Street, City, State, and ZIP Code) 69 EDSON STREET	Telephone Number for Information (518) 842-4000
AMSTERDAM, NEW YORK 12010-9805	Date Prepared January 1, 1991 rev. 4/24/98
	Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
E GLASS - Composition consisting		<u>TOTAL DUST</u>	<u>TOTAL DUST</u>	
principally of oxides of the following	15 mg./m <sup>3</sup>	10mg./m <sup>3</sup>		≤ 94
materials: silicon (silica), calcium,		<u>RESPIRABLE DUST</u>		
aluminum, and boron		5 mg./m <sup>3</sup>		
Surface Organic Sizing	N/A	N/A		≤ 2
Surface Binder (polyester)	None listed	None listed		≤ 4

## Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	2.55 Avg.
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water - Insoluble

Appearance and Odor

Yellow-white to white fibers of diameters greater than 3.5 microns bound together into strands having no odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Non-burning (softening point > 800°C.)	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media	N/A		
Special Fire Fighting Procedure	In a sustained fire, self-contained breathing apparatus should be worn.		
Unusual Fire and Explosion Hazards	N/A		

## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		

Incompatibility (*Materials to Avoid*) None known

Hazardous Decomposition or Byproducts - In a sustained fire, polyester binder may emit irritant/toxic gas or fumes.

Hazardous Polymerization	May Occur		Conditions to Avoid	None Known
	Will Not Occur	X		

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? No
--------------------	--------------------	--------------	------------------

Health Hazards (*Acute and Chronic*) Fiberglass may cause temporary skin, eye, and upper respiratory irritation.

Carcinogenicity:	NTP? Not listed	IARC Monographs? Not listed	OSHA Regulated? Not Listed
------------------	--------------------	--------------------------------	-------------------------------

Signs and Symptoms of Exposure Exposure to glass fibers sometimes causes irritation of the skin, and, less frequently, irritation of the eyes, nose, or throat.

Medical Conditions Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures

EYE CONTACT: Flush with clear water for at least 15 minutes - Seek medical attention.

SKIN CONTACT: Rinse contacted areas with room temperature water to cool water, then wash gently with mild soap. If fiberglass becomes imbedded, seek medical attention.

UPPER RESPIRATORY: Remove from exposure. Seek medical attention if irritation persists.

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled  
No special precautions

Waste Disposal Method  
Disposal procedures for solid waste in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing  
None known

Other Precautions  
None known

## Section VIII - Control Measures

Respiratory Protection (*Specify Type*) Not normally required. If airborne fiberglass concentrations exceed TLV, respiratory protection for nuisance dusts in accordance with OSHA 1910.134 should be provided.

Ventilation	Local Exhaust If needed to control nuisance dust	Special N/A
	Mechanical ( <i>General</i> ) N/A	Other N/A

Protective Gloves May reduce skin irritation in some operations | Eye Protection Safety glasses with side shields

Other Protective Clothing or Equipment  
Use of long sleeved shirts (buttoned to fit loosely at the neck and wrists), long pants

Work/Hygienic Practices  
Good personal hygiene will maximize comfort.