



MATERIAL SAFETY DATA SHEET
GLASS GROUP

Date of Preparation November 1, 1985

(Similar to Form OSHA-20)

SECTION I

Manufacturer's Name:

PPG Industries, Inc., Glass Group, Fiber Glass Products

Emergency Telephone No.

(304) 843-1300

Address:

One PPG Place, Pittsburgh, PA 15272

Chemical Name and Synonyms:

Trade Name and Synonyms:

Fiber Glass (Fibrous Glass, Glass Fibers)

Continuous Strand

SECTION II - INGREDIENTS

Ingredients:	%	TLV® (Units)
Fibrous Glass: Composition consisting principally of oxides of silicon, aluminum, calcium, boron, and magnesium fused in an amorphous vitreous state.	≥ 99.0	10 mg/m ³
Surface Sizing:	≤ 1.0	Not Applicable

SECTION III - PHYSICAL DATA

<u>Boiling Point (°F)</u>	Not Applicable	<u>Specific Gravity (H₂O=1)</u>	Not Applicable
<u>Vapor Pressure (mm Hg.)</u>	Not Applicable	<u>Percent, Volatile By Volume (%)</u>	Not Applicable
<u>Vapor Density (Air=1)</u>	Not Applicable	<u>Evaporation Rate (Not Applicable)</u>	Not Applicable
<u>Solubility in Water</u>	Insoluble		
<u>Appearance and Odor:</u>	Yellow-white to white fibers of diameters greater than 3.5 microns bound together in strands having no odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<u>Flash Point:</u> Non-burning (softening point >800°C)	<u>Flammable Limits:</u> Not Applicable	<u>Lel</u>	<u>Uel</u>
<u>Extinguishing Media:</u> Not Applicable			
<u>Special Fire Fighting Procedures:</u> In a sustained fire, self-contained breathing apparatus (SCBA) should be worn.			
<u>Unusual Fire and Explosion Hazards:</u> Not Applicable			

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: 10 mg/M³

Effects of Overexposure: Exposure to glass fibers sometimes causes irritation of the skin and, less frequently, irritation of the eyes, nose, or throat.

Emergency and First Aid Procedures: Eye Contact: Flush eyes with clear water for at least 15 minutes - seek medical attention. Skin Contact: Rinse contacted areas with room temperature to cool water, then wash gently with mild soap. If fiber glass becomes imbedded, seek medical attention.

Carcinogenicity Status: Not listed by IARC, NTP, or OSHA.

SECTION VI - REACTIVITY DATA

Stability:

Unstable
Stable X

Conditions to Avoid:

None Known

Incompatibility (Materials to Avoid): None Known

Hazardous Decomposition Products: In a sustained fire, binders may decompose releasing hazardous products of combustion (see Section IV).

Hazardous

Polymerization:

May Occur
Will Not Occur X

Conditions to Avoid:

None Known

SECTION VII - SPILL OR LEAK PROCEDURES

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.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None normally required. If airborne fiber glass concentrations exceed permissible exposure levels, respiratory protection for nuisance dusts in accordance with OSHA 1910.134 should be provided.

Ventilation: If necessary to minimize nuisance dusts and housekeeping conditions.

Local Exhaust:
Preferred Method
Mechanical (General):

Special:
Other:

Protective Gloves: May reduce skin irritation in some operations.

Eye Protection: Safety glasses with side shields

Other Protective Equipment: Use of long sleeved shirts, buttoned to fit loosely at the neck and wrists, long pants, and good personal hygiene will maximize comfort.

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling and Storing: None Known

Other Precautions: None Known