

Material Safety Data Sheet

For use with all Schmelzer Industries Veils and Mats

May be used to comply with OSHA's Hazard Communication Standard. 29CFR 1910.1200.

Section 1—Manufacturer

Schmelzer Industries, Inc. PO Box 249 Somerset OH, 43783 740-743-2866

Section 2—Product Identification and Ingredients

Applicable product names: Curveil, Firmat, Flexiveil, Pearlveil, Pultrusion veil

Applicable binder series: 100, 200, 300, 400, 500

<u>Ingredient Name</u>	<u>ACGIH/TLV</u> <u>mg/m³</u>	<u>%</u>	<u>CAS No.</u>
Fibrous Glass	5 mg/m ³ *	85-95	
Binder	NK	5-15	Proprietary

*For particulate produced when cut or ground.

Section 3—Physical & Chemical Characteristics

Boiling Point—N/A

Specific Gravity (H₂O=1)—2.5

Solubility in Water—Non-soluble

Reactivity in Water—Not reactive

Melting Point—Over 2000°F (Glass)

Appearance and Odor—White fabric texture with slight odor

Section 4—Fire & Explosion Data

Flash Point—Nonflammable

Extinguisher Media—CO₂, Water, Water Fog, Dry Chemicals

Special Fire Fighting Procedures—Polyester binder will melt causing dense smoke; use self-contained breathing apparatus

Unusual Fire And Explosion Hazards—None

Section 5—Physical Hazards (Reactivity Data)

Stability—Stable

Incompatible Materials—Avoid contact with Hydrofluoric Acid

Hazardous Decomposition Products—CO, CO₂

Hazardous Polymerization—Will not occur



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Section 6—Health Hazards

Acute Health Effects:

Material in its solid form is not toxic. Grinding, cutting, or other processing may generate dusts which can irritate the eyes, skin, and respiratory tract.

Chronic Health Effects:

Long term exposure to generated dust could cause scar tissue to form in the lungs. May also cause reduced visibility, skin irritation, mucous membrane irritation and decreased pulmonary function.

Components listed as carcinogens or potential carcinogens—None

Emergency and First-Aid Procedures

Inhalation—Remove to fresh air; administer artificial respiration, if necessary

Eye Contact—Flush with water for 15 min., if irritation persists seek medical care

Skin Contact—Flush with water for 15 min., if irritation persists seek medical care

Ingestion—Seek medical care

Section 7—Special Precautions

Storage—Avoid contact with Hydrofluoric Acid

Handling—Avoid dust generation, ventilate area, sweep up fragments and vacuum dust

Waste Disposal—In keeping with Federal, State, & Local regulations

Section 8 Special Protection Information

Provide sufficient general ventilation to keep airborne dust below TLV's

Use protective gloves where appropriate

Use safety glasses when handling

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Schmelzer Industries, Inc.

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