

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, Trumat Veil.

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

Ingredient Name	ACGIH/TLV*	%	CAS No.
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=1.0) – 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.

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 minutes, if irritation persists seek medical care.

Skin Contact – flush with water for 15 minutes, 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 TLVs.

Use protective gloves where appropriate.

Use safety glasses when handling.

Schmelzer Industries, Inc.

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