



SAFETY DATA SHEET FOR NON-WOVEN CONTINUOUS GLASS FIBER VEILS AND MATS

Section 1: Product and Company

Product:	Continuous Fiberglass Veil, Continuous Fiber Non-woven Glass Veil, Continuous Fiber Non-woven Mat, Expanded Continuous Fiberglass Non-Woven Veil or Mat, Pearlveil, Flexiveil, Firmat
Recommended use:	Surfacing veil or mat for use in laminates, pultruded parts, foam reinforcing, composite parts
Manufacturer:	Schmelzer Industries, Inc. 7970 Wesley Chapel Rd Somerset, OH 43783
Contact:	740-743-2866

Section 2: Hazard Identification

This article is not classified hazardous per OSHA HazCom 29 CFR 1210.1200 nor according to European Regulation on Chemicals (REACH).

As manufactured, continuous glass fibers are not a hazard but may be an irritant from mechanical abrasion or dust particles.

Section 3: Composition

Component	CAS	Percent by weight
Continuous glass fibers	65997-17-3	85-95%
Surface binder of polymeric resin	None	5-15%

Section 4: First Aid Measures

Eye contact:	Rinse with water, 15 min. If symptoms persist, seek medical help.
Skin contact:	Wash with soap and water. Do not rub or scratch affected areas.
Inhalation:	Move to fresh air. If symptoms persist, seek medical help.

Section 5: Fire Fighting Measures

Continuous glass fiber veils and mats are not flammable but the binder may release small quantities of gas in case of a major and or prolonged fire or heat event.

Suitable extinguishing media: Water, dry chemical, foam, CO₂

Protective equipment: Self-contained breathing apparatus and full protective gear

Section 6: Accidental Release Measures

Personal precautions: Avoid contact with skin and eyes

Clean-up: Shovel into container, vacuum dust and residual glass, dispose of as non-hazardous waste

Section 7: Handling and Storage

Handling: Wear appropriate personal protective equipment when in direct contact with product
Minimize dust formation, keep work area clean

Storage: Store in original packaging to lessen dust generation

Section 8: Exposure Controls and Personal Protection

Limits Continuous glass fibers as manufactured are not respirable but mechanical processes may generate airborne dust. A very small quantify of this dust could be respirable. See chart :

	Osha PEL (8 Hour TWA)	ACGIH TLV (8 hour TWA)
Non-respirable glass fibers or dust	15mg/m ³ (total dust)	5mg/m ³ (inhalable)
Respirable dust	5mg/m ³	None

Engineering controls: Use proper ventilation or exhaust, dust collection systems, vacuum or wet clean up.

Personal protective equipment: Appropriate dust masks if concentrations are above exposure limits
Safety glasses with side shields
Impervious gloves
Long-sleeved shirts and long pants

Section 9: Physical and Chemical Properties

Appearance:	White or off-white
Physical state:	Solid
Solubility:	Insoluble
Odor:	None
Decomposition:	Polymeric resins begin to decompose at 200C (390F)
Softening point:	705 C (1300F)
Melting point:	NA
Specific gravity:	2.44 g/cc

Section 10: Stability and Reactivity

Chemical stability:	This product is stable
Hazardous reactions:	NA
Hazardous decomposition:	The polymeric binders in these veils and mats may decompose above 200C (390F). See Section 5: Fire Fighting Measures

Section 11: Toxicological Information

Acute toxicity: NA

Continuous fiber glass veil or mat is not a listed or suspected carcinogen by NTP, IARC, or OSHA

No known medical conditions are aggravated.

Temporary mechanical irritation to skin, eyes, respiratory tract upon exposure to glass fibers or dust may occur.

There are no known health effects from the long term use or contact with non-respirable non-woven, continuous fiber glass. As manufactured, Schmelzer Industries, Inc. glass fibers are non-respirable.

Section 12: Eco-toxicological Information

None available

Section 13: Disposal

Continuous fiberglass mats and veils are non-hazardous. Dispose of waste material according to jurisdictional rules and regulations.

Section 14: Transport Information

Not regulated for: IMDG/IM, RID, ARD, ICAO, IATA, DOT, TDG, MEX

Section 15: Regulatory Information

Schmelzer Industries, Inc.'s non-woven continuous fiber glass veils and mats as manufactured are non-respirable products and are non-hazardous articles and with no known regulations.

Section 16: Other Information

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, or consequential damages resulting from its use.