



**US Department of Labor  
Occupational Safety and Health Administration  
This MSDS Complies with 29 CFR 1910.1200  
(THE HAZARDOUS COMMUNICATION STANDARD)**

**Form: SFI-0001**

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**IDENTIFY (AS USED ON LABELS AND LISTS):**

**PolyStrand Air Filtration Media**

**SECTION I**

**MANUFACTURER'S NAME:** Superior Fibers, LLC **REVISED:** 02 Sept 2009  
**ADDRESS:** 499 North Broad Street **SUPERSEDES:** All Others  
Bremen, Ohio 43107-0089

**TELEPHONE NUMBER FOR INFORMATION:** (740) 569-4175

**EMERGENCY TELEPHONE NUMBER:** (740) 569-4175

**SECTION II ---- HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

**HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAME (S):**

	OSHA PEL	ACGIH TLV	Other Limits Recommended
Glass Fibers (Nuisance particles, Non-Respirable)	10 mg/m	10 mg/m	N/A
Cured Urea Formaldehyde Resin	None Est.	None Est.	N/A
Polybutene Emulsion	None Est.	None Est.	N/A
May contain quantities of Oil AG (Dust Adhesive)			
94.80% Propylated Triphenyl Phosphate – Phosflex 41-L	3.000	3.000	N/A
1.35% Sorbitan Monolaurate – Sorbax SML	N/A	N/A	N/A
3.85% Silicon Dioxide – Aerosil 200	N.L.	N/A	N/A
.00175% Tinopal SFP	N/A	N/A	N/A

N.L.= Not Listed      N.A.= Not Available      N/A= Not Applicable

**SECTION III ---- PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N/A **SPECIFIC GRAVITY (H2O=1):** N/A

**VAPOR PRESSURE:** N/A **MELTING POINT:** N/A

**VAPOR DENSITY:** N/A **EVAPORATION RATE (BUTYL ACETATE=1):** N/A

**SOLUBILITY IN WATER:** Insoluble

**APPEARANCE AND ODOR:** Free-form, lofted glass fibers, many colors, no odor.

**SECTION IV ---- FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT (METHOD USED):** Open Cup **FLAMMABLE LIMITS:** N/A **Deg. F.:** 380+ **LEL:** N/A **UEL:** N/A

**EXTINGUISHING MEDIA:** Water fog – CO2 Dry chemical – Multipurpose foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and self-contained breathing apparatus. Material is self extinguishing in bulk roll form. Basic media carries a Class 2 fire rating listing by Underwriters Laboratories, Inc.

**UNUSUAL FIRE FIGHTING HAZARDS:** If present – Triaryl Phosphate, when exposed to open flame, will emit toxic acid vapors that are formed from Phosphorous Oxide.

**SECTION V ---- REACTIVITY DATA**

**STABILITY:** Unstable  Conditions to Avoid: None  
 Stable

**INCOMPATIBILITY (MATERIALS TO AVOID):** None

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Will not occur

**HAZARDOUS** May Occur  Conditions to Avoid: None

**POLYMERIZATION** May Not Occur

**SECTION VI ---- HEALTH HAZARD DATA**

**ROUTE(S) OF ENTRY:** INHALATION? No SKIN? Yes INGESTION? No EYES? Yes

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

Skin Contact: May produce allergic reaction in sensitive individuals. No long term effects have been identified.

Eye Contact: Avoid by use of protective equipment. Seek medical treatment if irritation persists.

Inhalation: None

Ingestion: None

**CARCINOGENICITY:** NTP? No IARC MONOGRAMS? No OSHA REGULATED? No

**SIGNS AND SYMPTOMS OF EXPOSURE:**

Skin: Redness and/or rash in sensitive individuals.

Eyes: Irritation and/or burning sensations.

Inhalation: None

Ingestion: None

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

None known. Sensitive individuals will experience increased discomfort with repeated unprotected exposure.

**EMERGENCY AND FIRST AID TREATMENT:**

Skin: Wash exposed areas with soap and water after exposure. Wash before all meals.

Eyes: Flush eyes repeatedly with large quantities of water. Seek medical help if irritation persists.

Inhalation: None

Ingestion: None

**Notes**

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## **SECTION VII ---- PRECAUTIONS FOR SAFE HANDLING AND USE**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** None required. Solid non-toxic material.

**WASTE DISPOSAL METHOD:** Clean material can be disposed of in approved landfills according to local, state, and federal regulations. Disposal of contaminated (spent) media will be governed by the particulate that has been captured by the filter. Check all local, state and federal regulations pertaining to the contaminate.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** No special handling required.

**OTHER PRECAUTIONS:** Wear protective clothing, gloves and eye protection.

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## **SECTION VIII ---- CONTROL MEASURES**

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**RESPIRATORY PROTECTION (SPECIFY TYPE):** Wear a dust mask to filter inhalation if cutting, sanding, or grinding products that contain glass fibers.

<b>VENTILATION</b>	<b>LOCAL EXHAUST:</b> Yes	<b>MECHANICAL (GENERAL):</b> Yes
	<b>SPECIAL:</b> N/A	<b>OTHER:</b> N/A

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**PROTECTIVE CLOTHING OR EQUIPMENT:**

Gloves: Recommended

Eye Protection: Yes, avoid any eye contact – Side shields on all eyeglasses, recommended.

Other Protective Clothing or Equipment: None required. Barrier creams can be of help to ultra sensitive individuals. Recommend long sleeve, loose fitting, shirts be worn by sensitive individuals. It is recommended to wash work clothing separate from other laundry. Rinse washer at the end of a cycle.

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**WORK / HYGIENIC PRACTICES:**

Follow normal work / hygienic practices. Avoid using compressed air for work area clean-up. Recommend using wet sweep or filtered vacuum .

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**The information contained herein is believed to be true and accurate, but is not warranted to be, whether originating with the company or not. Customers are advised to confirm that the information is current, applicable and suitable to their circumstances.**