

Material Safety Data Sheet

Date last revised: June 3, 2002

I. General Information	
Chemical Name & Synonyms: Ethylene-Vinyl Acetate Copolymer fiber	Trade Name & Synonyms: FSI 0502 series.
Chemical Family: Ethylene-Vinyl Acetate Copolymer fiber	Formula: [CH ₂ CH ₂] _N [CH ₂ CH(O ₂ CCH ₃)] _m
Proper DOT Shipping Name: Ethylene-Vinyl Acetate Copolymer fiber	DOT Hazard Classification: Non-hazardous
Manufacturer: Fiber Science, Inc.	Manufacturer's Phone Number: (321) 726-6327
Manufacturer's Address: 2855 Kirby Ave., NE, Suite #4, Palm Bay, Florida 32905	24 Hour Emergency Phone Number: (800) 726-2015

II. Ingredients		
Principal Components	Percent	Threshold Limit Value (units)
Residual Vinyl Acetate Monomer CAS 108-05-4	<0.3	10 PPM
Ethylene-Vinyl Acetate Copolymer CAS 24937-78-8	> 99	None established

III. Physical Data			
Boiling Point: (°F)	Not Applicable	Specific Gravity (H₂O=1):	Approximately 0.9
Vapor Pressure (mm Hg.):	Not Applicable	Percent Volatile by Volume (%):	Negligible
Vapor Density (Air=1):	Not Applicable	Evaporation Rate:	Not Applicable
Solubility in Water:	Insoluble	pH:	Not Applicable
Melting/Freezing Point:	80 to 100 Degrees C.		
Appearance & Odor:	Solid fiber, may have a slight odor.		

IV. Fire & Explosion Hazard Data			
Flash Point (Test Method):	260 C, COC	Auto Ignition Temperature:	330 Degrees C
Flammable Limits:	Unknown	LEL:	Not Available
		UEL:	Not Available
Extinguishing Media: Use carbon dioxide or dry chemical media for small fires. Apply aqueous film forming foam (AFFF) for large fires according to manufacturers instruction.			
Special Fire Fighting Procedure: Due to potential decomposition of the polymer, firefighters should use positive pressure self-contained breathing apparatus to protect firefighters from decomposition products.			
Unusual Fire & Explosion Hazards: Combustible gases will be released when the product is exposed to temperatures over 300 degrees C. Dense smoke is emitted when product is burned without sufficient oxygen.			

V. Health Hazard Data	
OSHA Permissible Exposure Limit: None Established.	ACGIH Threshold Limit Value: None Established.
Carcinogen-NTP Program: Not Listed.	Carcinogen-IARC Program: Not Listed.
Symptoms of Exposure: No toxic effects are known to be associated with exposure to the fibers or applicants. If material is burned, vapors irritating to eyes, nose and respiratory tract may be released.	
Medical Conditions Aggravated by Exposure: This product contains an ingredient which is classified according to the Controlled Products Regulations as a skin, eye and respiratory tract irritant. However, this ingredient is bound within the product matrix and exposure to it is unlikely under normal conditions.	
Primary Route(s) of Entry: Skin contact, inhalation. Under normal circumstances, material is solid and inert. Abraded material may form fibrous or particulate dust.	
Emergency First Aid: If molten material contacts skin, cool affected area with water, treat for burn. If fibers or dust get into eyes, remove material and irrigate with water for 5 minutes.	

VI. Reactivity Data			
Stability	X	Stable	Conditions to avoid: None Known.
		Unstable	
Incompatibility			Materials to avoid: None Known.
Hazardous Polymerization		May Occur	Conditions to avoid: None Known.:
	X	Will not occur	
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and some other irritating gases.			

VII. Environmental Protection Procedures	
Spill Response: Sweep up or vacuum fibers in dry waste containers.	
Waste Disposal Method: Dispose of waste material at a suitable landfill site, or at an approved waste incineration facility in accordance with applicable local, provincial and federal regulations.	

VIII. Special Protection Information	
Eye Protection: Use of eye protection is recommended in accordance with accepted industry safety procedures when handling fibers and yarns.	Skin Protection: Normal clothing should be adequate for most processing applications.
Respiratory Protection (Specific Type): Full face mask with organic vapor canister is recommended when decomposed material is present. Otherwise none required.	Ventilation Recommended: Provide exhaust over processing machinery as required.
Other Protection:	

IX. Special Precautions
Hygienic Practices in Handling & Storage: Keep material dry, in sealed bags, and avoid excessive heat. Wash hands after handling.
Precautions for Repair & Maintenance of Contaminated Equipment: Loose fibers and dust may cause a tripping or possibly an explosion hazard.
Other Precautions:

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