

MATERIAL SAFETY DATA SHEET

For Coatings Resins and Related Materials

MSDS NUMBER MSDS FTR-KEE	ISSUE DATE 7/9/99	SUPERCEDES: All Previous	PREPARED BY: N/A
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Section I - Product & Company Identification

PRODUCT IDENTITY (as used on label and list): FiberTite Single Ply Membrane	
Manufacturer / Distributor	EMERGENCY PHONE NUMBER(s)
NAME: Seaman Corporation ADDRESS: 1000 Venture Blvd. ADDRESS: Wooster, OH 44691	DAY: 330-262-1111 NIGHT (CHEMTREC): 800-424-9300 INFORMATION: 330-262-1111
Trade Names or Synonyms: KEE / PVC / Polyester Fabric CAS Number: None D.O.T. Hazard Class: N/A Proper Shipping Name: Roofing Membrane	HMIS Hazard Codes: none: \longrightarrow extreme 0 \longrightarrow 4 Health: 0 Fire: 0 Reactivity: 0 Personal Protection: 0

Section II - Hazardous Ingredients

Ingredients Material Description	Percent by Weight	C.A.S. Registry Number	Exposure Limits ACGIH/TLV OSHA/PEL	VP mm HG
Proprietary KEE/PVC Compound (Trade Secret Per CFR 1910.1200(i))	N/A	N/A	N/A	N/A

Section III - Physical Data

Boiling Range: > 350 deg. F Physical State: Solid sheet Volatiles: < 0.2 Appearance: Various colors; slight vinegar odor	Vapor Density: Heavier than air Liquid Density: Lighter than water Solubility in Water: Insoluble Spec. Gravity: 1.2 - 1.3
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Section IV - Fire and Explosion Hazard Data

Flammability Class: N/A	Flash Point: > 250	TOC LEL: N/A	UEL: N/A
EXTINGUISHING MEDIA			
Water fog, foam or dry chemical; CO2 may not have enough cooling capacity to prevent re-ignition.			
SPECIAL FIREFIGHTING PROCEDURES			
Avoid breathing smoke. Use Pressure Self-Contained Breathing Apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
None known			

Section V - Toxicological Information

N/A

Section VI - Health Hazard Data

Permissible Exposure Level: N/A

Effects of Overexposure

Inhalation: Respiratory irritation is possible due to processing vapors when heated sufficiently to cause mass melting of the polymer, such as during heat welding.

Eyes: Eye irritation is possible due to processing vapors when film is heated sufficiently to cause mass melting of the polymer, such as during heat welding.

Skin: Skin irritation is possible due to processing vapors when film is heated sufficiently to cause mass melting of the polymer, such as during heat welding.

Ingestion: Not normally a route of exposure.

First Aid

Inhalation: Remove to fresh air. If respiratory irritation occurs, call physician.

Skin: Wash with mild soap and water.

Eyes: Remove to fresh air. If irritation occurs, call physician.

Ingestion: N/A

Section VII - Reactivity Data

Stability: Unstable Stable

Hazardous Polymerization: May occur Will not occur

Incompatibility: N/A

Conditions to Avoid: Combustible if exposed to flame

Hazardous Decomposition Products: CO, CO₂, Acetic Acid, Trace Aromatics

Section VIII - Spill or Leak Procedures

Steps to Be Taken in Case Material is Released or Spilled:

Dispose in Approved Landfill

Waste Disposal Method:

Bury or incinerate in accordance with local, state, and federal regulation.

Not defined as Hazardous by current provisions of RCRA.

Section IX - Special Protection Information

Respiratory Protection: Not normally necessary.

Ventilation: Local exhaust, especially if irritation occurs.

Protective Gloves: Wear gloves when handling hot material.

Eye Protection: Not normally necessary.

Other Protective Equipment: Not normally necessary.

Section X - Special Precautions

Precautions to be Taken in Handling and Storage: In operations such as heat welding or thermoforming involving heat sufficient to cause melting of the polymer, irritating fumes may be evolved. Adequate ventilation should be provided.

Other Precautions: Avoid inhalation of processing fumes.

Section XI - Regulatory Data

SARA Title III Section 313

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
	None	

PROP 65 (Carcinogen)

Warning: This product contains a chemical known to the state of California to cause cancer.

CAS#	Chemical Name	Percent by Weight
	None	

PROP 65 (Teratogen)

Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS#	Chemical Name	Percent by Weight
	None	

PROP 65 (Both Carcinogen and Teratogen)

Warning: This product contains a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS#	Chemical Name	Percent by Weight
	None	

Section XII - Abbreviations Used

N/A= Information or Data Not Available.	OSHA= Occupational Safety and Health Administration
NTP= National Toxicology Program	PEL= Permissible Exposure Limit (8-hr. TWA) (OSHA)
IARC= International Agency for Research on Cancer	TLV= Threshold Limit Value (8-hr. TWA) (ACGIH)
NIOSH= National Institute of Occupational Safety and Health	STEL= Short Term Exposure Limit (15-min TWA) (OSHA)
ACGIH= American Conference of Governmental Industrial Hygienists	C= Ceiling Value

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