

**MATERIAL SAFETY DATA SHEET**

For Coatings Resins and Related Materials

<b>MSDS NUMBER</b> MSDS FTR-KEE2	<b>ISSUE DATE</b> 10/30/09	<b>SUPERCEDES:</b> All Previous	<b>PREPARED BY:</b> N/A
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**Section I - Product & Company Identification**

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

**Section II - Hazardous Ingredients**

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

**Section III - Physical Data**

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

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

**Section V - Toxicological Information**

N/A
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## 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, CO<sub>2</sub>, 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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