

MATERIAL SAFETY DATA SHEET

For Coatings Resins and Related Materials

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

PRODUCT IDENTITY (as used on label and list): FTR-VALUE Insulation	
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: Polyisocyanurate foam insulation CAS Number: Mixture D.O.T. Hazard Class: N/A Proper Shipping Name: Insulation	HMIS Hazard Codes: none: \longrightarrow extreme 0 \longrightarrow 4 Health: 1 Fire: 1 Reactivity: 0 Personal Protection: 1 UN #: N/A

Section II - Hazardous Ingredients

Ingredients Material Description	Percent by Weight	C.A.S. Registry Number	Exposure Limits	
			ACGIH/TLV	OSHA/PEL
Polyisocyanurate Foam	N/A	NONE	NONE	< 60
Proprietary Hydrocarbons	N/A	1717-00-6	500	<10
Fibrous Glass	N/A	65997-17-3	10	<4
Cellulose	N/A	NONE	10	<26

Section III - Physical Data

Boiling Range: N/A	Vapor Density: N/A
Specific Gravity: 2.0 lbs/cu. ft.	Solubility in Water: N/A
Volatiles: N/A	
Appearance and Odor: Tan core foam with cellulose glass fiber facings; odorless	

Section IV - Fire and Explosion Hazard Data

Flash Point: N/A
EXTINGUISHING MEDIA Foam, dry chemical, carbon dioxide, water fog.
SPECIAL FIREFIGHTING PROCEDURES Full face self-contained breathing apparatus in conjunction with impervious protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS None known. Avoid direct contact with flame. Burning foam may emit thick, black toxic smoke.
STORAGE OF MATERIAL: Class 2 Commodity (UFC)

Section V - Toxicological Information

N/A

Section VI - Health Hazard Data

Signs of Overexposure: Acute temporary mechanical irritation of eyes, nose, throat, lungs and possibly skin.

Primary routes of Exposure: Irritation and skin contact

Eyes: Irritation

Skin: Can cause irritation, dermatitis.

First Aid

Inhalation: Leave area to breathe fresh air. Drink water to clear throat and blow nose to remove dust.

Skin: Wash with soap and water.

Eyes: Flush with water for at least 15 minutes or until irritation ceases. If irritation persists, contact a physician.

Section VII - Reactivity Data

Stability: Unstable Stable

Hazardous Polymerization: May occur Will not occur

Incompatibility: Acetone, ketone, methyl, ethyl chemical families.

Conditions to Avoid: Will burn if exposed to fire or sufficient heat intensity.
Can release black toxic smoke if ignited.

Hazardous Decomposition Products: Like wood and other organic materials.

Section VIII - Spill or Leak Procedures

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

Vacuum dust. If sweeping is necessary use a dust suppressant such as water.

Waste Disposal Method:

Dispose of in accordance with federal, state and local regulations.

Section IX - Special Protection Information

Respiratory Protection: A respirator may be used. Breathing dust from this product may cause irritation to the upper respiratory tract.

Ventilation: Sufficient to keep workroom concentration below TLV.

Ingestion: This product is not intended to be ingested. It may cause irritation to the gastrointestinal tract.

Eye Protection: Safety glasses with eye shields are recommended.

Other Protective Equipment: Loose-fitting long-sleeved clothing and leather gloves may help prevent skin irritation.

Section X - Special Precautions

Precautions to be Taken in Handling and Storage: Persons who develop irritation, respiratory problems, or puffiness around the eyes should be examined by a physician as soon as possible.

Other Precautions: None

Section XI - Regulatory Data

Not completely classified or classifiable.

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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