

MATERIAL SAFETY DATA SHEET

For Coatings Resins and Related Materials

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| 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

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| 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

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| 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

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| 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

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| N/A |
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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

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| 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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