

MATERIAL SAFETY DATA SHEET

For Coatings Resins and Related Materials

MSDS NUMBER MSDS FTR-201	ISSUE DATE 8/5/08	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-201 Mastic

Manufacturer / Distributor

NAME: Seaman Corporation
ADDRESS: 1000 Venture Blvd.
ADDRESS: Wooster, OH 44691

EMERGENCY PHONE NUMBER(S)

DAY: 330-262-1111
NIGHT (CHEMTREC): 800-424-9300
INFORMATION: 330-262-1111

Trade Names or Synonyms: Sealant
CAS Number: Mixture
Proper Shipping Name: Combustible Liquid

HMIS Hazard Codes: none: \longrightarrow extreme
0 \longrightarrow 4
Health: 1
Fire: 2
Reactivity: 0
Personal Protection: B

Section II - Hazardous Ingredients

Ingredients Material Description	Percent by Weight	C.A.S. Registry Number	TSCA	Exposure Limits		
				ACGIH/TLV	OSHA/PEL	ACGIH STEL
Aliphatic Hydrocarbon Solvent	23	8032-32-4		500 PPM		
Quartz (SiO ₂)	< 1	14808-60-7		0.1 mg/m ³		

Section III - Physical Data

Boiling Point: 352° F
Evap. Rate: (ethyl ether = 1): 70
Percent Volatiles: 23%

Vapor Pressure: 5mm Hg @78° F, 26°C
Vapor Density: (air=1): 5.0
Percent Solids: (by weight) 77%
Spec. Gravity: (water=1): 1.26

Section IV - Fire and Explosion Hazard Data

Flash Point: 106° F **Method Used:** Estimate based upon the flash point of the most volatile component.
Flammable Limits: LEL: 0.5 UEL: 6.0

EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide. Water may be ineffective, but water should be used to keep fire-exposed containers cool.

SPECIAL FIREFIGHTING PROCEDURES

Treat as a class "B" fire. Limit firefighting to those trained to do so. If a leak or spill has ignited, use water spray to disperse the vapors and to protect the people attempting to stop the leak. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied air breathing equipment for enclosed or confined spaces or as otherwise needed.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors are heavier than air and may travel along the ground and be ignited by ignition sources distant from handling point. Residue in "empty" containers may be explosive if exposed to an ignition source. To prevent fire or explosion from static accumulation and discharge, effectively ground the product transfer system.

Section V - Toxicological Information

N/A

Section VI - Health Hazard Data

Medical Conditions Aggravated by Exposure: Pre-existing eye, skin and pulmonary disorders may be aggravated by exposure.

Primary Route of Entry: Eye Contact; Skin Absorption; Inhalation; Ingestion.

Signs and Symptoms of Overexposure:

Inhalation: Prolonged inhalation of vapors may cause irritation of the respiratory tract. Intentional misuse by deliberately concentrating and inhaling vapor may be harmful or fatal.

Eyes: Can cause severe irritation, redness, tearing or blurred vision.

Skin: Can cause redness, irritation.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Emergency and First Aid Procedures:

Inhalation: Remove affected person to fresh air, give oxygen or artificial respiration as necessary to assist breathing. Get medical attention.

Skin: Wash with soap and water. Get medical attention if irritation persists.

Eyes: Flush with large amounts of water, frequently flushing under the lids. Seek medical attention.

Ingestion: Do not induce vomiting. Get medical attention.

Acute Effects of Overexposure: Irritation, redness.

Chronic Effects: (include all potential carcinogens present @ .1% or greater): The International Agency for Research on Cancer (IARC) Monographs has identified respirable quartz (SiO_2) as a suspect human cancer-causing agent based on limited human evidence but sufficient evidence in experimental animals (Class 2A). Exposure to respirable quartz will not be possible with this product under normal conditions of use.

Carcinogenicity: NTP? No IARC Monographs? Yes OSHA regulated? No

Section VII - Reactivity Data

Stability: Unstable Stable

Hazardous Polymerization: May occur Will not occur

Incompatibility: None known

Conditions to Avoid: None known

Hazardous Decomposition Products: In the event of partial combustion, fumes, smoke, carbon monoxide, aldehydes and other decomposition products may be released.

Section VIII - Spill or Leak Procedures

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

Eliminate all ignition sources. Control the source of the spill if it is safe to do so. Ventilate enclosed areas to prevent vapor accumulation. Restrict access by unauthorized personnel. Absorb spilled product with vermiculite or other absorbent material. Shovel or scoop into a sealable container for disposal.

Waste Disposal Method:

If this product becomes a waste, it is considered a hazardous waste due to its ignitability. Dispose of in accordance with local, state and federal environmental and waste regulations.

Storage and Handling Procedures:

Do not store or handle near an ignition source. Keep containers closed. Effectively ground the product transfer system to prevent fire or explosion from static discharge. Empty containers may contain residual product. Do not reuse containers.

Section IX - Special Protection Information

Respiratory Protection: For large spills or entry into enclosed small spaces with inadequate ventilation, a pressure demand, self-contained breathing apparatus is recommended. If engineering or administrative controls are not adequate to maintain solvent TLV below recommended levels, an appropriate respirator should be used in conjunction with a respirator use and fit training program. Although Seaman has no control over the customer's method of using this product, under conditions of normal use the respirable quartz contained in the product is a completely incorporated component, and as such should not present an inhalation hazard.

Ventilation: General exhaust as needed to keep TLV below recommended levels if engineering and administrative controls are not adequate

Protective Gloves: Buna-N, if needed.

Eye Protection: Safety glasses with side shields, if needed.

Other Protective Clothing: To prevent repeated or prolonged skin contact, wear impervious clothing and boots if contact is likely.

Section X - Special Precautions

Precautions to be Taken in Handling and Storage: Store in cool dry area in closed containers.

Work/Hygienic Practices: Minimize breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and launder before reuse. Cleanse skin thoroughly after contact, before work breaks and meals, and at the end of the workday. Product is readily removed from the skin with waterless hand cleaners followed by washing thoroughly with soap and water.

Section XI - Regulatory Data

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory. If this product becomes a waste, it meets the criteria of a hazardous waste as defined under RCRA 40CFR261: Ignitability

EPA SARA Title III hazard class (40CFR370): Acute Health Hazard
Chronic Health Hazard
Fire Hazard

EPA SARA Title III Section 313 (40CFR372): There are no listed toxic chemicals present in quantities greater than the de minimis level.

EPA SARA Title III hazard class (40CFR355): There are no components in this product at a level which would require reporting.

CANADIAN WHMIS (IDL): There are no listed chemicals present in this product at a level which would require reporting.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product contains no listed substances, which the state of California has found to cause cancer, birth defects, or other reproductive harm, in a form which would require a warning under the statute.

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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