



SAFETY DATA SHEET

FiberTite® FTR-201 Mastic

Rev. Date: 6 Nov 2014

SECTION 1. PRODUCT & COMPANY INFORMATION

Product Name: FTR-201 Mastic

Recommended Use: Roofing sealant

Manufacturer: SEAMAN CORPORATION
1000 Venture Blvd.
Wooster, OH 44691 USA

PHONE: (330) 262-1111
INTERNET: www.seamancorp.com
24-HR EMERGENCY: (800) 424-9300 (Chemtrec)

SECTION 2. HAZARDS IDENTIFICATION

Pictograms:



Signal Word: DANGER

GHS Classification:

Flammable Liquid – Category 3
Aspiration Hazard – Category 1
Germ Cell Mutagenicity - Category 1
Carcinogenicity - Category 1

Hazard Statements:

Flammable liquid and vapor
May be fatal if swallowed and enters airways
May cause genetic defects
May cause cancer

Precautionary Statements:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

Response:

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF exposed or concerned: Get medical advice/attention.
In case of fire: Use foam/CO2/powder/water spray for extinction.

Storage:

Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national regulations

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS No.</u>	<u>% by weight</u>
Aliphatic hydrocarbon	8032-32-4	23
Quartz	14808-60-7	<1

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
Skin Contact: Wash exposed skin with soap and water. Do not use solvents or thinners. If irritation develops or persists, seek medical attention.
Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Ingestion: Seek medical attention. Do not induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

Flammable Properties: Material is combustible. Containers can build up pressure if exposed to heat.
Suitable Extinguishing Media: alcohol resistant foam, CO2, powders, water spray
Products of Combustion: Acrid fumes, carbon monoxide, carbon dioxide
Protection of Firefighters: Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear. No special procedures are expected to be necessary for this product.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.
Environmental Precautions: No special procedures necessary
Methods for Containment: No special procedures necessary
Methods for Clean-up: No special procedures necessary

SECTION 7. HANDLING AND STORAGE

Handling: Use protective equipment recommended in Section 8. Use only in well ventilated area. Eliminate any source of ignition. Any electrical equipment used around vapors should meet the applicable requirements of the local electrical code. Wash hands after contact.
Storage: Do not store near an ignition sources. Keep containers closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

COMPONENT	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	COMMENTS
Aliphatic Hydrocarbon (8032-32-4) (Ligroine, VM P Naphtha)	None	None	350 mg/m ³ TWA; 1800 mg/m ³ C (15 min)	
Quartz (14808-60-7) (crystalline silica)	See below	0.025 mg/m ³ TWA (respirable fraction)	0.05 mg/m ³ TWA (respirable fraction)	

OSHA PEL for Quartz: (30)/(%SiO₂+2) mg/m³ TWA (total dust)
(250)/(%SiO₂+5) mppcf TWA (respirable) or (10)/(%SiO₂+2) mg/m³ TWA (respirable)

Exposure to respirable quartz not possible under normal conditions of use.

PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Provide local exhaust ventilation
Eye/Face: Wear safety glasses
Skin: Wear chemical resistant protective gloves
Respiratory: If exposure limits are exceeded, NIOSH approved respiratory protection must be provided
General Hygiene: Wash hands with soap and water after handling material.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: black viscous liquid	Odor: Solvent
Odor threshold: Not available	pH: Not available
Melting/Freezing Point: Not available	Boiling Point: 178°C (352°F)
Flash Point: 41°C (106°F)	Evaporation Rate: >1.0 (butyl acetate=1)
Flammability: Category 3	LFL/UFL: 0.5% / 6.0%
Vapor Pressure: 5 mmHg @ 26°C	Vapor Density: 5.0 (air=1)
Relative Density: 1.26	Solubility: 0.5% in water
Partition Coefficient K_{ow}: Not available	Auto-Ignition Temp.: Not available
Decomposition Temp.: Not applicable	Viscosity: Not available

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable at recommended storage and handling conditions
Conditions to Avoid: Sources of ignition
Incompatible Materials: Oxidizing agents, strong acids, strong bases
Hazardous Decomposition: Carbon monoxide, carbon dioxide
Hazardous Reactions: Will not occur

SECTION 11. TOXICOLOGY INFORMATION

POTENTIAL HEALTH EFFECTS:

Summary: Irritating to eyes, skin, respiratory tract
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.
Skin Contact: Redness, irritation
Eye Contact: Irritation, redness, tearing, or blurred vision
Ingestion: Irritation of gastrointestinal tract, nausea, vomiting, and diarrhea
Target Organs: Lungs/respiratory tract, skin, eyes

ACUTE TOXICITY

General Information: Irritating to mouth, throat, and stomach. Causes eye irritation. Causes skin irritation. Harmful if inhaled.

Component Analysis:

VM & P Naphtha (8032-32-4):
LC50 (rat) = 3400 ppm (4 hr)
LD50 (intravenous, mouse) = 40 mg/kg
Quartz (crystalline silica) (14808-60-7):
LD50 (oral, rat) = 3160 mg/kg

CARCINOGENICITY

General Information: This product is not classified as a carcinogen or potential carcinogen by OSHA, NTP, ACGIH, or IARC. No specific data available.

Component Analysis:

VM & P Naphtha (8032-32-4):
ACGIH: A3 – Confirmed Animal Carcinogen with Unknown Relevance to Humans
Crystalline silica (sand):
IARC: Group 1 – Known human carcinogen (Vol. 68, 1997)
NTP: Known Human Carcinogen
ACGIH: A2 – Suspected Human Carcinogen

(Exposure to respirable quartz not possible under normal conditions of use.)

CHRONIC TOXICITY

No data is available on mutagenicity, reproductive effects, or developmental effects. Susceptible individuals may develop allergic reactions such as dermatitis on single significant skin or respiratory exposure or may become sensitized to material on repeated and prolonged contact.

SECTION 12. ECOLOGICAL INFORMATION

Do not empty into drains or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with Federal, State, and local environmental control regulations. This material may be classified as hazardous under the Resource Conservation and Recovery Act. (40 CFR 261)

SECTION 14. TRANSPORTATION INFORMATION

This product is considered a combustible liquid for transportation.

Shipping Name: Combustible liquid, n.o.s. (contains petroleum naphtha)
Class: na Packing Group: na ID No.: NA1993 NAERG: 128

SECTION 15. REGULATORY INFORMATION

SARA Title III: Health: Acute YES Chronic YES EHS NO
Physical: Fire YES Reactivity NO Pressure NO

SARA 313 (TRI): This product contains the following chemicals subject to reporting under Superfund Amendments Reauthorization Act, Title III, Section 313 (Toxic Release Inventory):
Component % by weight
NONE

California Proposition 65: NONE

SECTION 16. OTHER INFORMATION

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. No warranty of merchantability or any other warranty, expressed or implied, is given. In no case shall the information provided herein be considered a part of the terms and conditions of sale. Seaman Corporation assumes no obligation or liability for the information given or results obtained. All materials may present unknown hazards and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.

For questions related to the safety of this product, e-mail msds@seamancorp.com or call (330) 262-1111

FiberTite® is a registered trademark of Seaman Corporation.



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