



INTELLIGENT
ROOFING SOLUTIONS

FiberTite® Roofing Systems

FiberTite Technical Bulletin #2012.003

Seaman Corporation • 1000 Venture Blvd. • Wooster, OH 44691
www.fibertite.com

Issue Date: September 11th, 2012
Issued By: FiberTite Technical Services
Re: FTR SL-1, FTR-SLS

New Self Leveling Sealant: FTR-SLS

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Seaman Corporation is no longer in a position to supply the SL-1 Sealant for pitch pans. We have made a change in suppliers and our new product will be branded FTR-SLS. The changeover also represents a change in the actual product component. The new FTR-SLS is a gray, one part, self leveling, moisture cure polyether as opposed to polyurethane and represents an improvement in the end product as well as its packaging. This change is effective immediately and while we navigate this changeover, Seaman Corporation will be shipping the product with our vendor's; Chem Link 1-Part, labels.

The new FTR-SLS will be packaged in twelve 28oz cartridges per case at a list price of \$276.00 per case. This represents a cost savings of about \$0.16 an ounce when compared to the SL-1. The cartridges are comprised of sealed plastic tubes similar to our FTR-101.

Some additional characteristic of our new FTR-SLS:

- 100% solids content
- Solvent Free – will not shrink
- Paintable in 24 hours
- Won't outgas on damp surfaces
- 1 year shelf life
- Self leveling, no special tools or mixing required

We're sure you will find our new FTR-SLS an improvement and will appreciate any feedback you have regarding the product.

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PRODUCT DATA FTR-SLS / Chem Link 1-Part®

Seaman Corporation/FiberTite emphasizes that every reasonable effort should be made to eliminate the need for pitch pans including the removal of existing pitch pans. In the event that a viable alternate is not found; Seaman Corporation offers our FTR-SLS (self leveling sealant) /Chem Link 1-Part as an approved pitch pan sealant.

PRODUCT DESCRIPTION

FTR-SLS / 1-Part is a moisture curing, pourable, polyether sealant designed for use in pitch pans. The sealant is suitable for application in all climates. FTR-SLS is solvent free, contains no isocyanates and will not shrink upon curing. FTR-SLS has resilient elastomeric properties and excellent adhesion to most construction materials. FTR-SLS's low durometer accommodates greater movement in penetration seals than typical urethane sealants.

Follow [FiberTite Specifications and Details](#) for proper pitch pan installation.

CURE TIME

FTR-SLS is a moisture cure sealant. Rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of 1/4" a week at 70°F and 50% Relative Humidity. Lower temperature and humidity will inhibit the rate of cure. Higher temperature and humidity will accelerate rate of cure. Depths greater than 2" will cure through in 2 to 3 months.

CLEAN-UP

Wet adhesive can be removed using a solvent such as alcohol. Cured FTR-SLS can be removed by abrading or scraping the substrate.

STORAGE

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce FTR-SLS's shelf life.

PRECAUTIONARY DATA

- Do not store in elevated temperatures
- Do not apply at temperatures below 30°F
- Do not use petroleum based solvents such as mineral spirits or xylene for cleaning purposes
- Maintain FTR-SLS at room temperature before applying to ensure easy gunning and leveling

Shelf Life

One year from date of manufacturer when stored in normal environments. High temperature and high relative humidity may significantly reduce shelf life.

Color: Gray

Packaging: 28oz cartridge / 12 cartridges per carton

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EMERGENCY CONTACTS

Call Chemtrec: USA: 1-800-424-9300
 International: (703) 527-3887

Section 1. Product and Company Information

ANSI

2400.1 Format

CHEM LINK PRODUCTS LLC

Product Name	1-PART® Pourable Sealer	353 E. Lyons Street
Chemical Family	Silyl terminated polyether	Schoolcraft, MI 49087
Product Use	Moisture cure sealant	U.S.A.
MSDS Prepared By	04/18/2012	Tel: 269-679-4440
MSDS Prepared By	CHEM LINK Product Safety Group	Fax: 269-679-4448

Section 2. Composition / Information on Ingredients**HAZARDOUS INGREDIENTS**

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Concentration</u>
Amino Silane	1760-24-3	1- 5 %

Section 3. Hazards Identification**HMIG**

Health	1
Flammability	0
Reactivity	0
Protective Equipment	B

EMERGENCY OVERVIEWHuman Effects and Risks of Exposure

Routes of Entry –	Dermal contact, Eye.
Acute Eye Contact –	Direct contact can cause severe irritation.
Acute Skin Contact –	May cause mild irritation. May cause the following effects: Itching, slight local redness swelling
Skin Absorption –	Not Toxic.
Acute Inhalation –	Product is extremely low in volatility and therefore not likely to pose a problem from inhalation
Acute Ingestion –	May be harmful if ingested, not a likely route of entry.
Chronic Effects of exposure –	Repeated or prolonged direct contact to the eyes may cause chemical burns. Repeated or prolonged direct contact to the skin may cause dermatitis.
Medical Conditions Aggravated by exposure –	Preexisting skin and eye disorders may be aggravated by direct contact to this product.
Carcinogenicity –	There are no components in this product that are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

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Section 4. First Aid Measures

First Aid For Eyes –	Flush with large amounts of water for at least 15 minutes. Consult a physician if ill effects or irritation occurs.
First Aid For Skin –	Clean product from affected area with Ethyl alcohol, then wash with soap and water.
First Aid For Inhalation –	An unlikely route of entry. Remove to fresh air. Consult a physician.
First Aid For Ingestion –	An unlikely route of entry. Consult a physician.

Section 5. Fire Fighting Measures

Special Fire Fighting Instructions –	None. Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.
Extinguishing Media –	Water, CO ₂ , Dry Chemical Foam.
Special Fire Fighting Instructions –	None. This product is not considered flammable.
Flashpoint –	Not applicable.
Upper Flammable Limit –	Not applicable.
Lower Flammable Limit –	Not applicable.
Autoignition temperature –	Not applicable.
Sensitivity to Impact –	Not applicable.
Sensitivity to Static Discharge –	Not applicable.
Hazardous Combustion Products –	Thermal decomposition may produce toxic fumes of Carbon Monoxide and/or Carbon Dioxide.

Section 6. Accidental Release Measures

Personal Precautions –	Use personal protection recommended in section 8.
Methods For Cleaning Up –	Collect spill with absorbent material such as cardboard and place into a container approved for waste disposal.

Section 7. Handling and Storage

Handling –	Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.
Storage –	Store in a cool dry area (this product polymerizes when in contact with moisture.)

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Section 8. Exposure Controls / Personal Protection

Exposure Guidelines –	No established limits.
Engineering Controls –	No specific controls are needed.
Protective Equipment:	
Eye Protection –	Wear safety glasses or goggles to avoid eye contact.
Skin Protection –	Wear impervious gloves such as vinyl to minimize contact with skin.
Respiratory Protection –	Not required.
Work/Hygienic Practices –	Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

Section 9. Physical and Chemical Properties

Physical State	Liquid. (reacts with moisture to become a firm synthetic rubber)
Odor and appearance	Mild ester odor, white colored liquid.
pH	Not established.
Specific Gravity	Heavier than water.
Density	~ 11.7 lbs/gal.
Vapor Density (air = 1)	> 1
Vapor Pressure (mmHg)	Not established.
Evaporation Rate	Not Applicable.
Boiling Point	Not established.
Freezing Point	Not established.
Coefficient of Water/Oil Distribution.....	Not established.
Viscosity	~ 30,000 cP.

Section 10. Stability and Reactivity

Stability –	Considered Stable.
Conditions to Avoid –	None known.
Incompatible Materials –	None known.
Hazardous Decomposition Products –	None known.
Hazardous polymerization –	None known.
Reactivity –	Hazardous reaction will not occur.

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Section 11. Toxicological Information

Information below is based on Amino Silane (refer to sections 2.and 3.)

Oral-	Result: LD50 > 2,000 mg/kg. Remark: Very low order of toxicity
Skin Absorption -	Result: LD50 > 2,000 mg/kg. Remark: Very low order of toxicity.
Direct contact -	Result: Slight irritation.
Eye Direct contact -	Result: Severe irritation. Remark: Causes corneal injury.
Inhalation -	Result: LC50 Not acutely Toxic.
Exposure Limits -	Not applicable.
Sensitization -	No.
Reproductive Toxicity -	No.
Mutagenicity -	No.
Teratogenicity -	No.
Products -	None.

Section 12. Ecological Information

No known applicable information.

Section 13. Disposal Considerations

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

This product becomes a firm synthetic rubber when cured. Please allow to cure before disposal.

Section 14. Transport Information

Special Shipping Information-	None.
DOT -	Not regulated.
TDG -	Not available.
PIN -	Not available.

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Section 15. Regulatory Information

OSHA 29 CFR 19101200 –	Irritant.
TSCA –	All components of this product are listed on TSCA Inventory.
CERCLA Reportable Quantity –	Not applicable.
SARA Title III:	
Section 302 Extremely Hazardous Substances –	None
Section 304 –	Not applicable.
Section 311/312 –	Immediate (acute) health hazard.
Section 313 –	None.
RCRA –	Refer to section 13.
California Proposition 65 –	This product contains no levels of listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm.
WHIMS Classification –	D2B

Section 16. Other Information

Prepared in accordance with 29 CFR 1910.1200

This Product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

To the best of our knowledge, the information contained herein is accurate. However CHEM LINK Products LLC does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although we have described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist.

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