



FLAME SEAL-TB™ - THERMAL BARRIER FOAM COATING
*Passed UL-1715 test specifications at Intertek Laboratory
 on Polyurethane Foam (Less than 18 mils...Thin Film "Paint-On" Coating)*

THE ABSOLUTE BEST IN FIRE PROTECTION TECHNOLOGY™

[TEST - UL 1715](#) | [FS-TB MSDS](#) | [T50-TB MSDS](#) | [FS-TB & T50 MIXED MSDS](#) |



DESCRIPTION: Flame Seal-TB™ (aqueous based resin) is a spray applied fire protective intumescent coating, which satisfies thermal barrier / ignition barrier requirements of the IBC code when applied over Spray Polyurethane Foam (SPF) insulation.

Total Solids:	61% - 66% by weight
Weight per Gallon:	10.6 lbs.- 11.0 lbs.
Specific Gravity:	1.28 - 1.33
pH:	2.5 - 3.5
Flash Point:	None
Color:	White
Coverage:	65 Square Feet-Gallon Thermal Barrier: 65 Square Feet per Gallon Ignition Barrier 125 Square Feet per Gallon
Volatility:	Non-volatile
Solvents:	Water (Contains no petroleum derivatives)
Toxicity:	Cured film non-toxic - not harmful to plants or animals.*
Fungus Resistance:	Good
Mold Resistance:	Good
Bacteria Resistance	Mildly resistant
Linear Shrinkage:	None
Moisture Absorption:	None, when fully cured
Corrosive:	Mildly in liquid form, non corrosive when dry
Storage	Temperature - 40-90°F
Shelf Life	9 months from manufacturer batch date stored at proper temperature.

*Mixed liquid product contains up to 10 grams/liter of isopropyl alcohol.

RECOMMENDED USE: This product recommended for interior use only. Spray applied fire retardant coating used as a thermal and/or ignition barrier over Spray Polyurethane Foam (SPF) insulation. This product is intended for use by professional applicators only. **Do not use this product without obtaining application instructions and equipment requirement information from Specialty Products, Inc.**

APPLICATION: Mixing and Application Instructions: See written instructions and video. SPI Flame Seal-TB? technical support phone number (800) 627-0773 or (253) 588-7101.

ENVIRONMENTAL REGULATIONS: : Compliant with FDA/USDA for incidental food contact. This product complies with U.S. Federal Regulations concerning the use of lead in paint AND hydrocarbon emissions.

FLAME SEAL-TB™ COATING is mixed with T50-TB™ CURING AGENT (both arrive in correct mixture ratios)

PRODUCTS ARE GUARANTEED TO PERFORM THEIR FIRE RETARDANT FUNCTION AS REPRESENTED BY THIRD PARTY TESTS, IF APPLIED ACCORDING TO MANUFACTURER'S PUBLISHED INSTRUCTIONS. PRODUCTS MAY NOT BE DILUTED OR ALTERED PRIOR TO USE. There are no other warranties either expressed or implied since Flame Seal Products, Inc. cannot control the actual application of the products. Users must determine usability and suitability for their particular requirements, as well as compatibility with the exact materials to be treated or coated.

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Distributed by: *Specialty Products, Inc.* (U.S. and Canada Sales)

Please contact - Cliff Haskins: call (800) 627 0773 or email

haskinsc@specialty-products.com

[FSTB INFO AND PROMOTION BY SPI PRODUCTS](#)

CONTACT SPECIALTY PRODUCTS INC. FOR MIXING AND APPLICATION DIRECTIONS

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FLAME SEAL PRODUCTS, INC. 4025 Willowbend Blvd. # 310, Houston, Texas, 77025 USA, (713) 668 4291 office, (713) 668 1724 fax, www.flameseal.com
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