



**EGISPRO**

90/42 16Floor, Sathorn Thani Bldg, North Sathorn Rd., Silom Bangrak Bangkok 10500  
Tel: (66)2-863-3200 Fax: (66)2-863-4955 www.egispro.com

## **FLAME SEAL-TB™ - THERMAL BARRIER FOAM COATING**

*Coating Passed UL-1715 test specifications at Intertek Laboratory  
on Polyurethane Foam (Less than 18 mils...Thin Film "Paint-On" Coating)*

**FLAME SEAL – TB™** is the first thin film paint-on 15minute thermal barrier to pass the UL-1715 room corner fire test. The fire protective coating provides a highly protective thermal and ignition barrier for spray on Polyurethane foam insulation. At flame temperatures over 600F/315C **FLAME SEAL-TB™** will resist flame spread to substrate of wall and ceiling treated with the product.

### **RECOMMENDED USE:**

#### **"FLAME SEAL-TB™ FIRE BARRIER COATING" - CLASS A:**

thermal barrier intumescent coating, designed for use over Polyurethane Foam Insulation. Application may be accomplished by either brush, roller, or spray methods. Blend well in original container before use, as some solids may settle on the bottom of the container. Mix with **T50-TB™** curing agent at a mix ratio of 4:1 (4 parts **FLAME SEAL-TB™** resin to 1 part **T50-TB™** by volume. Ex: 4 gallons **FLAME SEAL-TB™** + 1 gallon **T50-TB™**) Mix thoroughly with low-medium speed mixer for 5 minutes. The coverage rate should be 65 square feet per gallon. (See Intertek UL-1715 Test Report) This product recommended for Interior use only.

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.

|                      |   |
|----------------------|---|
| Total Solids:        | 61% - 66%                                 |
| Weight per Gallon:   | 10.8 lbs.- 11.2 lbs.                      |
| Specific Gravity:    | 1.3 - 1.4                                 |
| pH:                  | 2.5 - 3.5                                 |
| Flash Point:         | None                                      |
| Color:               | White                                     |
| Coverage:            | 65 Square Feet-Gallon                     |
| Volatility:          | Non-volatile                              |
| Solvents:            | Water (Contains no petroleum derivatives) |
| Toxicity:            | Non-toxic                                 |
| Fungus Resistance:   | Good                                      |
| Mold Resistance:     | Good                                      |
| Bacteria Resistance: | Mildly resistant                          |
| Linear Shrinkage:    | None                                      |
| Moisture Absorption: | None                                      |
| Corrosive:           | Mildly, none when dry                     |

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

**Non Toxic, Non Hazardous**

**Not Harmful to Plants or Animals,** (No PBDEs - Polybrominated diphenyl ethers)

*"The Best Essential Solution"*

*Asia Regional Authorized Distributor*

