



## **TUFF-BOND ADHESIVE FOR INSULATION HANGERS**

### **Special Characteristics:**

- Non-Slip Formula – Immediate Grab
- Performs in Temperatures up to 250°
- Provides Excellent Water/Mildew Resistance

### **Description:**

INSULATION HANGER ADHESIVE TB is a high-strength, heavy-bodied, neoprene rubber adhesive, specifically formulated for adhering anchors for hanging insulation. TB is also recommended for use as a general-purpose construction adhesive in applications requiring a high-strength bond or in applications subjected to high temperatures.

### **Uses:**

Surfaces should be clean, dry and free of oil, grease, frost or any other foreign matter, which will impair adhesion. Painted surfaces should be roughened. Clean all metal surfaces with 1, 1, 1 – Trichloroethane, acetone or other degreaser, exercising safe practices as recommended by the manufacturer. Some protective coatings are not compatible for TB; therefore, make a test bond before proceeding with application. Store adhesive at room temperature for at least 24 hours prior to use.

### **Application:**

Do not apply at temperatures below 30°. Prepare and install one anchor at a time. Apply a dab (the size of a small walnut) of TB to the anchor base with a putty knife immediately (max. open time is 10 minutes). Press anchor in place with a slight twisting motion. For proper adhesion, insure that the film of adhesive covering the anchor base (after the anchor has been firmly pressed into place) is approximately 1/16" thick and protruding through the perforated base plate. Application will be dry within approximately 24-72 hours, depending on atmospheric conditions. Do not apply load until application is completely dry.

### **Note:**

When installing metal or ceramic wall fixtures or tile, butter the back with TB and immediately press in place with a slight twisting motion. Allow to dry 24-72 hours before subjecting to use.

### **Coverage & Clean Up:**

Covers approximately 500-1,000 anchors per gallon, depending on size. Clean tools and adhesive smears with Toluol, exercising safe practices recommended by manufacturer.

[www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com)

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## TUFF-BOND ADHESIVE: PHYSICAL PROPERTIES & TECHNICAL INFO.

PACKAGING INFORMATION		
SIZE	PACKED	WEIGHT
Quart	12 per carton	29 lbs. per carton
1 Gallon	4 per carton	37 lbs. per carton

PHYSICAL PROPERTIES & TECHNICAL INFORMATION	
<b>Base:</b> Neoprene	<b>Flash Point:</b> 45° (ASTM D 3278)
<b>Solvent:</b> Toluene	<b>Water Resistance:</b> Excellent
<b>Color:</b> Dark Green	<b>Mildew Resistance:</b> Won't support fungus growth
<b>Consistency:</b> Heavy mastic. DO NOT THIN.	<b>Application Temp:</b> 30°F to 120°F
<b>Solids Content:</b> 33% ± .3 lbs.	<b>Service Temp:</b> -30°F to 250°F
<b>Open Time:</b> Up to 10 minutes	<b>Storage:</b> Room temp. w/cross ventilation. OSHA Class 1B Liquid. Store as per 29 CFR 1910.106
<b>Dry Time:</b> 24-72 hours	<b>Shelf Life:</b> 12 Months
<b>Coverage:</b> 500-1000 Anchors per Gallon	<b>Photochemically Reactive</b>
<b>Thermal Shock Resistance:</b> Excellent	<b>Flammability (wet stage):</b> Extremely flammable. <b>DOT:</b> Adhesive, Flammable Liquid, UN 1133 <b>OSHA Class 1B Liquid</b>

CAUTIONARY INFORMATION
<b>DANGER! FLAMMABLE. VAPOR HARMFUL. CONTAINS TOLUENE.</b>
<p><b>Precautionary measures: Keep away from heat, sparks and flames.</b></p> <p>Prior to use and until all vapors (odors) are gone: do not smoke; do not use electric switches; do not generate static sparks; extinguish all flames and pilot lights; and turn off all electric and gas appliances, motors and other sources of ignition. Vapors are heavier than air and may travel to areas away from the work site. Prevent build-up of vapors – open all windows and doors – use only with cross ventilation.</p> <p>To avoid breathing vapors, open windows and doors or use other means to ensure fresh air during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. AVOID contact with skin or eyes. DO NOT take internally. STORAGE/HANDLING: keep containers closed when not removing adhesive. Do not reuse container or transfer adhesive to another container.</p> <p>FIRST AID: <i>Inhalation Overexposure</i> – If dizziness or nausea occurs, remove person to fresh air and seek medical attention. <i>Swallowing:</i> If swallowed, do not induce vomiting. Call Poison Control Center, hospital Emergency Room or Physician immediately. <i>Eye Contact:</i> Flush eyes immediately and thoroughly with large amounts of water. If irritation persists, see a physician. <i>Skin Contact:</i> Wash skin thoroughly with warm water and soap.</p> <p>NOTICE: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling may be harmful/fatal.</p> <p style="text-align: center;">FOLLOW ALL PRECAUTIONS IN THE WORK AREA AND ALL ADJACENT AREAS. BE SURE THAT ALL PERSONS UNDERSTAND AND FOLLOW ALL PRECAUTIONS.</p>

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