

SBS Mod-Bit Adhesive

Technical Data Guide

Polyether Technology

CSI Section No. 07 92 13

CHEM LINK

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Product Description

CHEM LINK's **SBS Mod-Bit Adhesive** provides contractors with a solvent free adhesive without sacrificing performance. **SBS Mod-Bit Adhesive** is a unique, isocyanate free formula offering easy installation of bituminous membranes in difficult wet or cold environments. **SBS Mod-Bit Adhesive** is safe for occupied buildings such as schools, hospitals, or food processing plants where solvent vapors are not tolerated. **SBS Mod-Bit Adhesive** permits installation directly to solvent sensitive or heat sensitive materials such as EPS insulation, iso-board, or fiber recovery board where torches cannot be used. **SBS Mod-Bit Adhesive** contains very low levels of VOC's, is environmentally compliant throughout North America, and may be used in urban areas where hot asphalt kettles are prohibited or impractical. **SBS Mod-Bit Adhesive** is OSHA compliant and eliminates chronic exposure hazards inherent to solvent based adhesives.

Regulatory Compliance

- Conforms to OTC Rule for Adhesives
- Meets requirements of California Regs: CARB and SCAQMD
- This product does not contain cancer causing chemicals listed in California Proposition 65.
- Conforms to USDA Requirements for non-food contact

Green Standards

- NAHB Model Green Home Building Guidelines: 5 Global Impact Points
- VOC Content: less than 32 grams / liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)



Advantages

- Solvent free, 100% solids, will not shrink
- No outgassing on damp surfaces
- Very low odor

Packaging

- 5 gallon pails
- 50 gallon drums available by special order

Storage

Store original unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. **SBS Mod-Bit Adhesive** will not freeze.

Shelf Life

Pails have a shelf life of six months from date of manufacture when stored at 70°F / 21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life.



Field Applications

Apply **SBS Mod-Bit Adhesive** to the surface of a clean and dry insulation/recovery board at an application rate of 1.5 - 2.5 gallons per square. (Rough or absorbent surfaces may require additional adhesive). Lay the SBS sheet into wet adhesive and immediately secure with a roller. Mislaidd sheets may be pulled free and repositioned providing the adhesive is still wet. Dry areas and areas starved of adhesive must be coated again prior to securing the SBS sheet. On roofs with positive slopes greater than 0.75" / 12" back nailing laps is recommended.

Apply Solvent free **SBS Mod-Bit Adhesive** with a flat blade squeegee or trowel.

Suggested Application Rate

2.5 gallons per square.

Clean Up

Wet sealant can be removed using a solvent such as alcohol. Cured product can be removed by abrading or scraping the substrate.

Caution

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water. Call a physician. Please refer to the SDS for first aid information. Most current SDS can be found at: www.chemlink.com

KEEP OUT OF REACH OF CHILDREN

Typical Properties		
Specific Gravity	11.2 +/- 0.2 lbs per gallon	ASTM D1475
Viscosity	35,000 cp +/- 15,000 cp	Brookfield RVF TC spindle, 4 RPM 73°F (23°C)
Tack Free Time	60 +/- 40 minutes	ASTM C679
Low Temp. Flex	Pass 1/4 inch mandrel -10°F (-23°C)	ASTM D816
Shrinkage	No visible shrinkage after 14 days	

Limitations

- Do not store in elevated temperatures
- Remove all coatings and sealers before application.
- Please contact customer service for application guidelines with temperatures below 32°F (0°C).
- Do not prime bonding surfaces with asphalt primer.
- Do not use asphalt cement as a "night sealant". Use **M-1** Structural adhesive/sealant for this purpose.

All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.chemlink.com for the Safety Data Sheet, Technical Data Guides and full warranty for this product.

LIMITED WARRANTY: **CHEM LINK** warrants this product's performance, provided it is properly stored and applied within 1 year. If this **CHEM LINK** material is proved to be defective, return remaining product and purchase receipt for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects or failure of this product. User must read and follow the direction of the current Technical Data Guide and SDS prior to product use. User determines suitability of product for intended use and assumes all risks. Manufacturer shall not be liable for damages (including consequential or incidental damages) in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; except for the above express warranty given by manufacturer, the product is sold with all faults. **CHEM LINK** SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. This warranty gives you specific legal rights, and you may also have other rights in the U.S. which vary from state to state. For warranty claim information, call 800-826-1681.

