

SEAL BOND® 116 Adhesive for Low Surface Energy Surfaces

Description

Seal Bond® 116 is a multi-purpose one-component structural sealant/adhesive designed for difficult bonding and sealing applications where low energy surfaces may be present and surface modification is not desired. **SB 116** is moisture curing and was developed for industrial uses requiring elasticity, high strength and excellent adhesion.

SB 116 is an excellent choice for many product assembly applications. **SB 116** is tough, very elastic and waterproof. **SB 116** often provides **primer-less** adhesion to steel, aluminum, ceramics, Styrofoam®, coated metal, glass, wood, fiberglass and many plastics. **SB 116** has excellent weathering characteristics and is suitable for use in all climates.

Features and Benefits

- Low Odor
- Extremely low shrinkage
- Excellent weatherability
- Permanently elastic in a broad temperature
- Paint compatible
- Solvent and isocyanate free, 100%
- Non-flammable

Physical Properties

- Basic Material: Proprietary Hybrid Polymer
- Consistency: Paste
- Color: White, Gray
- Odor: Nil
- Components: 1
- Solvent Percentage: 0
- Isocyanate Percentage: 0
- Shelf Life: 10 months in unopened containers stored between 60°F and 80° F.

Approximate Performance Properties

Tensile Strength	328 psi	ASTM D-412-06
Elongation at Break	724%	ASTM D-412-06
Hardness Shore A	50 (14 day ambient cure)	ASTM C-676
Initial Skin Forming	10 minutes	ASTM C679-03
Low Temperature Flex	-20°F	ASTM C-639
Extrusion Rate	220 g/min.	
Service Temperature	40°F to 200°F (temporarily resistant to 390°F)	

Package Options

10.3 oz Cartridges	20 oz Sausages
5 Gallon Pails	
50 Gallon Drums	

LIMITED WARRANTY

Seal Bond warrants that our products are manufactured and conform to strict quality assurance specifications. Improper use or storage may void warranty. Buyer understands that it is their sole responsibility to test and determine the suitability of the product for their practical purposes. Buyer's sole remedy for breach of warranty shall be strictly and exclusively limited to a refund of up to 100% of the purchase price of the non-conforming goods. This is the sole and exclusive remedy and liability for defects or failure of this product. This warranty is in lieu of all other warranties, written or oral, statutory, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Manufacturer shall not otherwise be liable for losses or damages related to application methods and uses, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including negligence, warranty or strict liability. For complete warranty information visit www.seal-bond.com