



## Technical Data Guide

## Polyether Technology

### CHEM LINK Products, LLC

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### Product Description

**WallSecure** is a fast setting wall and block adhesive with excellent adhesion to drywall, wood, metal, concrete, landscape blocks, capstones, and other masonry substrates.

**WallSecure** is 100% solids and is ideal for filling gaps or forming bonds on irregular surfaces without shrinking.

**WallSecure** is a solvent free, non-flammable, moisture curing adhesive that complies with all OSHA, State, Local and Federal air quality regulations. This adhesive is non-carcinogenic and contains no substances listed on California Proposition 65.

### Regulatory Compliance

- Conforms to OTC Rule for Adhesives
- Meets requirements of California Regs: CARB and SCAQMD
- Conforms to California Proposition 65
- Conforms to USDA Requirements for non-food contact
- Conforms to ASTM C557

### Green Standards:

- LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point
- NAHB Model Green Home Building Guidelines: 5 Global Impact Points
- VOC Content: less than 20 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
- Paintable within 24 hours
- Can be applied at temperatures down to 30°F (-1°C)
- Fast Setting
- High Adhesion
- Non-carcinogenic

### Packaging

- **10.1 oz (300ml) cartridges**  
24 cartridges/carton, 45 cartons/pallet
- **28 oz (825ml) cartridges**  
12 cartridges/carton, 40 cartons/pallet
- **2 and 5 gallon pails, or 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. **WallSecure** will not freeze.

### Shelf Life

One year from date of manufacture when stored in standard conditions. High temperature and high relative humidity may significantly reduce shelf life. Pails have a shelf life of six months.

Distributed by: **BEST MATERIALS LLC**  
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## Application Instructions

Bonding surfaces must be clean, dry, and free of dirt, debris, oil, rust, and contamination that would interfere with adhesion. Clean metal and painted surfaces with isopropyl alcohol or ammonia water. Abraded surfaces are acceptable but must be clean, sound, and free of manufacturing defects. DO NOT USE petroleum solvents such as mineral spirits or xylene.

Test all substrates for strength and compatibility. Do not use **WallSecure** to bond olefins such as polyethylene or polypropylene. Application temperature range is 30°F to 110°F (-1°C to 43°C) with optimum application from 60°F to 100°F (15°C to 38°C). Low humidity or low temperature slows cure time. High humidity or high temperature accelerates cure time.

Pre fit all materials prior to application. Cut cartridge tip to desired size and puncture inner seal. Apply a minimum of 1/4 inch bead of **WallSecure** to approved substrate. Ensure bonded materials are tightly joined. For best results, set materials and secure within 10 minutes of application. Bonds can be set and fixtured with nails, screws or staples until adhesive sets.

**WallSecure** may also be applied from drums or pails using mechanical pumping equipment. Please contact technical services for assistance and specific pump drive applications at 800-826-1681.

## Clean Up

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

## Limitations

- Do not store in elevated temperatures
- Remove all coatings and sealers before application.
- Do not apply at temperatures below 30°F (-1°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.

Read and ensure that the most up to date MSDS and technical guidelines are being followed. Proper use and application are the responsibility of the applicator. Direct any questions to Technical Services at 800-826-1681 prior to starting the project.

## IMPORTANT NOTICE

Except where prohibited by law, CHEM LINK Products, LLC makes no warranties, expressed or implied, statutory or otherwise, including but not limited to, any implied condition or warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether this CHEM LINK Products, LLC material is fit for a particular purpose and suitable for user's method of application.

## LIMITATIONS OF REMEDIES AND LIABILITY

If this CHEM LINK Products, LLC material is proved to be defective, the exclusive remedy at CHEM LINK Products, LLC option shall be to refund the purchase price or replace the defective CHEM LINK Products, LLC material. CHEM LINK Products, LLC shall not otherwise be liable for loss of damages, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including negligence, warranty or strict liability.

Typical Properties		
Elongation at Break	225 - 275%	ASTM D412
Tensile Strength	165 +/- 25 psi	ASTM D412
Viscosity	450,000 cPs	Brookfield RVF, TF Spindle, 4 RPM 73°F (23°C)
Tack Free Time	55 minutes	ASTM C679
Hardness Shore A	30 +/- 3	ASTM C661
Low Temp Flex	Pass -10°F (23°C) 1/4 inch mandrel	ASTM D816
Shrinkage	No visible shrinkage after 14 days	
Service Temperature	-40°F to 200°F (40°C to 93°C)	

Basic Uses*
Landscape Blocks
Capstones
Drywall to Wood Assemblies
EPS Foam Installation
Wood to Metal

*\*Test and evaluate to ensure adequate adhesion*

## 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 MSDS for first aid information. Most current MSDS can be found at: [www.chemlink.com](http://www.chemlink.com)

**KEEP OUT OF REACH OF CHILDREN**