

**Chem Link Inc.**

Telephone: 800-826-1681  
 Fax: 269-679-4448  
 353 East Lyons  
 Schoolcraft, MI 49087  
 www.chemlinkinc.com

Last Revision: 11/12/08

**Product Description**

**1-Part** is a moisture curing, pourable sealant designed for use in pitch pans and warranted **ChemCurb** penetration seals. **1-Part** is suitable for application in damp, dry, or cold climates. **1-Part** is solvent free, contains no isocyanates and will not shrink upon curing. **1-Part** can not discolor when exposed to UV light, and can not “outgas”, or bubble on damp surfaces as urethane sealants often do. **1-Part** has resilient “elastomeric” properties and excellent adhesion to most construction materials. **1-Part** can be used effectively in many difficult construction site conditions and cures in wet or dry climate conditions and at low temperatures (30° F). **1-Part’s** low durometer accommodates greater movement in penetration seals than typical urethane sealants.

**Advantages**

- Solvent free, 100% solids will not shrink
- No outgassing on damp surfaces
- Paintable within 24 hours
- Self Leveling, no special tools or mixing required
- Can be applied at temperatures as low as 30° F
- Extended warranties available

**Regulatory Compliance**

- Conforms to OTC Rule for Sealants and Caulks
- Meets requirements of California Regs: CARB and SCAQMD
- Conforms to California Proposition 65
- Conforms to USDA Requirements for Non-food Contact

**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 at 240° F: less than 25 grams/liter (including water), ASTM D2369, EPA Method 24



**Limitations**

- Do not use on TPO without Chem Link TPO primer.
- Do not use on Hypalon membranes.
- Smooth APP membranes require prior installation of a granulated target piece of modified bitumen around the penetration.
- Do not use in areas subject to continuous immersion.
- In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations.
- Remove all coatings and sealers before application.
- Do not store in elevated temperatures.
- Maintain product at room temperature prior to application for best results.
- Do not apply at temperatures below 30° F.

**Packaging**

- **10 oz (300 ml)** 24 cartridges/carton, 45 cartons/pallet
- **28 oz (825 ml)** 12 cartridges/carton, 40 cartons/pallet
- **2 liter pouch** 4 pouches/field pack/carton, 48 field packs/pallet, 45 cartons/pallet
- **5 gallon pails available by special order**



## Application Instructions

Remove all previously applied caulk, mastic, cement, asphalt and other contaminants from penetrations with a wire brush. Brush away all gravel or loose granules.

Seal the base of each penetration with Chem Link's **M-1® Structural Adhesive/Sealant**. Coat penetrations with **M-1** to 3 inches above the roofline.

For **ChemCurb** penetration seals, bond the entire base surface of the curb to roof surface and all scarf joint surfaces with **M-1**. Apply a bead of **M-1** around the outside base of the installed **ChemCurb**, and tool to form a smooth fillet. See the **ChemCurb** system data sheet for more complete installation instructions.

Cut tip off **1-Part** tube at widest point on plastic nozzle and pierce the foil seal. Insert into quart caulking gun and pump **ChemCurb** full, or remove cap from pouch, pour, squeeze out excess air and reseal.

DO NOT USE petroleum solvents such as mineral spirits or xylene. Maintain **1-Part** at room temperature before applying to ensure easy gunning and leveling. Test and evaluate to ensure adequate adhesion. Dry all visible and standing water prior to applying **1-Part**. Install an appropriate backer rod to avoid three-point bonding.



## Cure Time

**1-Part** is a moisture cure sealant. Rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of 1/4" a week at 70° F and 40% RH. Lower temperature and humidity will inhibit the rate of cure. Higher temperature and humidity will accelerate the rate of cure. Depths of more than 2" will cure through in 2 to 3 months.

U.S. PATENT NO. 6,579,924



## Restrictions

Do not use on Hypalon membranes. On TPO, use Chem Link TPO primer. On smooth APP, torch apply a granulated APP target piece around penetration(s) before installing **ChemCurbs**. Do not prime bonding surfaces with asphalt primer! Do not use asphalt cement as a "night sealant." Use **M-1** for this purpose. Note: To provide an adequate rubber seal, maintain a one-inch distance between penetrations and inside edge of **ChemCurb**.

## Caution

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water. Call physician. Please refer to the MSDS for First Aid information. Most current MSDS can be found at [www.chemlinkinc.com](http://www.chemlinkinc.com). 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. KEEP OUT OF REACH OF CHILDREN.

## IMPORTANT NOTICE

Except where prohibited by law, Chem Link 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 product is fit for a particular purpose and suitable for user's method of application.

## LIMITATIONS OF REMEDIES AND LIABILITY

If this Chem Link product is proved to be defective, the exclusive remedy at Chem Link's option shall be to refund the purchase price of or to repair or replace the defective Chem Link product. Chem Link 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.

**CHEM LINK**  
Advanced Architectural Products  
*Contractor Driven*

Contractor Hot Line

**800-826-1681**

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