

## Technical Data Sheet

## Polyether Technology

## CSI Section No. 07 92 13

### CHEM LINK

### Construction & Maintenance

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Last Revision: 03/28/17

Document No. DS1270

### Product Description

**M-1®** is a moisture curing, polyether adhesive/sealant designed for applications in damp, dry, or cold climates. **M-1®** is solvent free and contains no isocyanates. **M-1®** will not shrink upon curing, will not discolor when exposed to UV light, and can not "out-gas", or bubble on damp surfaces as urethane sealants often do. **M-1®** is capable of joint movement in excess of 35% in both compression and extension. **M-1®** can be used effectively in many difficult construction site conditions such as wet or dry climates and at temperatures as low as 32°F (0°C).

### Applicable Performance Standards

- ASTM C920, Type S, Grade NS, Class 35  
Uses NT, T<sub>1</sub>, M, G, A & O
- ASTM E84, Class A
- Federal Specification TT-S-00230-C Type II, Class B
- Corps of Engineers CRD-C-541, Type II, Class B
- Canadian Standards Board CAN 19, 13-M82

### Regulatory Compliance

- Conforms to OTC Rule for Sealants and Caulks
- Meets requirements of California Regs:  
CARB, BAAQMD 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:

- 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 17 grams / liter ASTM D2369  
EPA Method 24 (tested at 240°F / 115°C)

### Advantages

- Solvent free, 100% solids will not shrink
- Non-slump, applies vertically and overhead
- 20 minute skin over
- No outgassing on damp surfaces
- Good color stability, will not suntan
- Paintable within 24 hours (See limitations)
- Gun grade, no special tools or mixing required
- Application at temperatures as low as 32°F (0°C)

### Colors

White, Gray, Tan, Limestone & Black

\* Color matching is available in batch quantity only

### Packaging

- **5 oz Squeeze Tube (148 ml)**  
36 tubes/carton, 40 cartons/pallet
- **10.1 oz (300 ml)**  
24 cartridges/carton, 45 cartons/pallet
- **20 oz (600 ml)**  
12 sausages/carton, 40 cartons/pallet
- **28 oz (825 ml)**  
12 cartridges/carton, 40 cartons/pallet  
White only - Other colors available by special order
- **2 and 5 gallon pails or 50 gallon drums**  
available by special order

