



## MX 13 Technical Data Sheet

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### Sealant and Adhesive

**MX 13** is a single-single component elastomeric compound designed for sealing and bonding in secondary containment applications requiring limited exposure to specific acids and solvents. **MX 13** is a moisture curing compound which cures upon exposure to atmospheric or other sources of moisture.

Users of **MX 13** should see minimal change (swelling) in the sealant with up to 7 days of full immersion in the following: 20% sulfuric acid, 30% sulfuric acid, 5% sodium hydroxide, 13% sodium hypochlorite, salt water, methanol, and ethylene glycol. For all other chemicals, please contact the manufacturer or perform a small scale field trial to determine the capabilities of the **MX 13** with a specific chemical.

#### Features and Benefits

- Solvent and isocyanate free, 100%
- Low odor
- Specific chemical resistance
- Extremely low shrinkage
- Excellent weatherability
- Non-sagging
- Relatively fast curing
- Non-flammable

#### Physical Properties

- Basic Material: Proprietary Hybrid Polymer
- Consistency: Paste
- Viscosity: Approximately 380,000 centipoise
- Color: Gray
- Odor: Nil
- Components: 1
- Type: Elastic
- Specific Gravity: 1.5-1.6
- Solvent/Isocyanate: 0%
- Shelf Life: 6 months in unopened containers stored between 60° and 80° F.

#### Consider:

- Using alternative when resistance to fuels/oils is needed.
- Using concrete primer to improve sealant performance.
- Range of joint movement before installation.

#### Approximate Performance Properties

|                      |  |            |
|----------------------|--|------------|
| Tensile Strength     | 190 psi  | ASTM D-412 |
| Elongation at Break  | 375%   | ASTM D-412 |
| Hardness Shore A     | 35 (14 day ambient cure)                         | ASTM C-661 |
| Initial Skin Forming | 40 minutes                                       |            |
| Low Temperature Flex | -20°   | ---PASS--- |
| Service Temperature  | -40° to 300° F, temporarily resistant to 390° F. |            |

#### Packaging Options

|                             |                      |
|-----------------------------|----------------------|
| 10.3 fluid ounce cartridges | 1, 2, 5 gallon pails |
| 28 fluid ounce cartridges   | 50 gallon drums      |

Disclaimer: The information we provide is accurate to the best of our knowledge, and we do not assume any liability as to its accuracy or completeness. We do not guarantee that any hazards that we may mention are the only hazards that exist. User is responsible to determine the suitability of this product for user's intended application. User is responsible for determining that he can meet all applicable health and safety standards and regulations. We have no control over transportation, storage, handling and use of product and will not be liable for any damages resulting from their use.



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