

# Seal Bond MSL

Self-Leveling Sealant and Adhesive

**Seal Bond MSL** is a fast curing one part, self-leveling sealant based on Seal Bond technology. It has excellent adhesion to most surfaces and is a strong multipurpose sealant designed for difficult bonding and sealing applications. It is a moisture curing sealant developed for industrial uses requiring elasticity, high strength and excellent adhesion.

**Seal Bond MSL** is tough, elastic and waterproof. It bonds aggressively to steel, aluminum, ceramics, Kynar® coated metal, Styrofoam®, EPS, glass, wood and many plastics. Seal Bond MSL is suited for many applications requiring adhesion to concrete and cementatious building materials.

**Seal Bond MSL** is based on a unique polymer system that is fast curing at temperatures below freezing. Seal Bond MSL has excellent weathering characteristics and is suitable for use in all climates.

### Physical properties:

#### **Applications**

- Concrete Control Joints
- Industrial Floors
- Driveways
- Sidewalks
- Traffic Loop Sealing
- Pitch Pans
- Interior and Exterior
- Electronic Potting
- Sealing Metal Seams

#### **Benefits and features**

- Solvent and isocyanate free, No VOC's
- Excellent fuel and solvent resistance
- Fast curing
- Odor free
- Permanently elastic to -40°C
- Primerless bonding to most surfaces
- Bonds aggressively to green concrete
- Non-flammable

## **Physical properties:**

Basic material: Modified Polyether Consistency: Self-leveling Fluid Color: Black, Gray, and White

Odor: Nil Components: 1 Type: Elastic

Isocyanate percentage: 0

Specific gravity: 1.7 Solvent percentage: 0

Shelf Life: 11 months in unopened containers stored between 60°F and 80°F.

**Michigan Adhesive** Manufacturing, Inc.

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### **Performance Properties**

Shear Strength  $\sim$ 215psi (7 day ambient cure) ASTM D-412 Elongation at break  $\sim$ 160%+ (7 day ambient cure) ASTM D-412 Hardness Shore A  $\sim$ 53 (14 day ambient cure) ASTM C-661

Initial Skin Forming ~23 minutes Accelerated Weathering No Cracking Stain Testing No Staining

Low Temperature Flex -20°F -----PASS----QUV Panel Test 4000 hours B-bulb No change in physicals

Service temperature -40°F to 200°F, temporarily resistant to 390°F

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