

Represented by:



Seal Bond 95 CR

(MX-11) Structural Sealant

Seal Bond 95CR (MX-11) is a multipurpose sealant designed for bonding and sealing applications requiring increased resistance to oils and specific chemicals. It is a moisture curing sealant developed for industrial uses requiring elasticity and adhesion under challenging conditions.

Benefits and features:

- Solvent and isocyanate free, No VOC's
- Low odor
- Extremely low shrinkage
- Permanently elastic in a broad temperature range
- Specific chemical resistance
- Excellent weatherability
- Paint compatible
- Non-flammable

Physical properties:

Basic material: Proprietary Hybrid Polymer

Consistency: Paste

Color: Black, White, and Gray

Odor: Nil

Components: 1

Type: Elastic

Specific gravity: 1.5-1.6

Solvent percentage: 0

Isocyanate percentage: 0

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

Performance Properties:

Tensile Strength	209 psi	ASTM D-412
Elongation at break	200%	ASTM D-412
Hardness Shore A	48 (14 day ambient cure)	ASTM C-661
Initial Skin Forming	30 minutes	
Low Temperature Flex	-20°F	----PASS----
Service temperature	-40°F to 300°F temporarily resistant to 390°F	

DISCLAIMER: The information we provide is accurate to the best of our knowledge, but 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 our products and will not be liable for any damages resulting from their use.

Michigan Adhesive Manufacturing, Inc.

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Table 1 -Typical chemical resistance

Increased weight percentage after immersing in chemical for 14 days at room temperature:

Engine Oil	1.0
Turbine Oil	-4.3
Gasoline	8.2
Toluene	371.8
Ethylene Glycol	1.5
Acetone	297.7
Butyl Acetate	331.4

Increased weight percentage after immersing in chemicals for 30 days at room temperature:

Conc. Sulfuric	solved
10% Sulfuric aq.	0.7
Conc. Hydrochloric	62.7
Acetic acid	immeasurable
20% Sodium Hydroxide aq.	-4.1
10% Ammonia aq.	8.2
3% Peroxide aq	3.0

Table 2 – Heat Resistance of “base Polymer” 150oC*

<u>Physical Property</u>	<u>% change after 2500 hours</u>
Tensile	+11.67
Elongation	-68.4%

Table 3 – Weatherability of “base Polymer” by Xenon WM*

<u>Physical Property</u>	<u>% change after 3000 hours</u>
Tensile	-27.4
Elongation	-75%

*at this time this data is only available on the polymer that provides the backbone of this formulation, not the finished formula (MX-11)

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