



TECHNICAL DATA SHEET

MIGHTY SEAL NEUTRAL

PRODUCT DESCRIPTION

Mighty Seal Neutral is a high performance, one component sealant formulated for industrial and electrical applications. It Remains permanently flexible and exhibits excellent adhesion to a wide variety of substrates.

PRODUCT FEATURES

- Non-corrosive
- Low odor
- Medium modulus
- Excellent adhesion to vinyl, wood, steel, aluminum, glass and plastic
- VOC compliant
- Permanently flexible
- Waterproof/weatherproof

LIMITATIONS

- Applications involving prolonged submersion in water, including aquariums
- Surfaces that require painting
- Totally confined spaces, as sealant needs atmospheric moisture for curing
- Structural glazing

TECHNICAL DATA

Table 1: Physical Properties (Typical Properties)*

UNCURED	
Parameters	Results
1. Color	Translucent
2. Sag/Slump	Nil
3. Tack free time	15 mins.
4. Cure time @ 75°F (24°C) and 50% RH (3/8" thick)	24 hrs
5. Extrusion rate	390 g/min
CURED - PHYSICAL	
Parameters	Results
6. Durometer, shore A hardness	23 points
7. Tensile Strength	220 psi
8. Elongation	500 %

*Information on this data should not be used for writing specifications.

INSTRUCTIONS FOR USE:

SURFACE PREPARATION:

Thoroughly clean and dry surface from oil, dirt and grease.

METHOD:

1. Cut nozzle to desired size.
2. Insert cartridge into caulking gun.
3. Push sealant ahead for uniform bead size.
4. Clean off excess sealant with solvent.

Note 1: The cure progresses inward from the surface. The sealant forms a tack skin free at a minimum of 8 minutes at room temperature. Tooling is not practical after this skin begins forming and should be completed in 5-7 minutes from application, even though this may require alternate periods of applying and tooling.

Note 2: Curing time is affected by:

- **Temperature and relative humidity-** Higher temperatures and lower humidity achieves faster curing.
- **Degree of confinement-** Faster curing time with lower degree of confinement
- **Cross-sectional thickness of the sealant-** Curing time increases with the thickness of the sealant. A 1/8" section may cure in 24 hours but a 1/2" section may cure in 3-4 days.

CAUTION

Direct contact of uncured sealant irritates eyes and may irritate skin. Overexposure to vapour may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands.

IN CASE OF EYE CONTACT: Flush eyes with water for 15 minutes. Then seek medical attention.

IN CASE OF SKIN CONTACT: Remove from skin and flush with water

KEEP OUT OF REACH OF CHILDREN.