

PRODUCT DESCRIPTION

Powerseal NS is a multi-purpose one-component sealant/adhesive designed for difficult bonding and sealing applications. Powerseal NS is moisture curing and was developed for industrial uses requiring high elasticity, high strength, and excellent adhesion to a wide range of substrates. NS is tough, elastic, and waterproof. NS bonds aggressively to steel, aluminum, many coated metals, ceramics, Styrofoam®, EPS, glass, wood, fiberglass, and concrete. NS can be used at temperatures as low as 13°F on damp surfaces and is suitable for use in all climates.

PRODUCT FEATURES

- Solvent and isocyanate free
- Non-silicone
- Non-flammable
- Fast curing
- Primerless bonding to most surfaces
- Paint compatible
- Extremely low shrinkage
- Non-staining
- Mildew resistant
- Volatiles: <20 g/L

PHYSICAL PROPERTIES

- Basic Material: Proprietary Polymer
- Consistency: Paste
- Color: Black, Gray, and White
- Odor: Nil
- Components: 1
- Type: Elastomeric
- Specific Gravity: 1.4 to 1.6
- Shelf Life: 10 months in unopened containers stored between 60° and 80°F
- ASTM C 920, Type S, Grade NS, Class 25/25 Use NT, M, A, G, and O
- Federal Specification TT-S-001543A, Type II, Class A, Type Non-sag
- Federal Specification TT-S-00230C, Type II, Class A
- Canadian Standards board CAN 19, 13-M87 Type @
- USDS Compliant for non food contact

PERFORMANCE PROPERTIES

Movement Capability	+25 to -25	ASTM C-719
Elongation at Break	450%	ASTM D-412
Hardness Shore A	35	ASTM C-661
Shear Strength	110 psi	ASTM D-1002
Tensile Strength	200 psi	ASTM D-412
Low Temperature Flex	-20°	PASS
Initial Skin Forming	25 minutes	
Slump (Sag)	None	
Tack Free Time	35 minutes	ASTM C-679
Extrusion Rate	220g/min	@ 40psi, 5mm orifice
Service Temperature	40°F to 200°F (temporarily resistant to 390°F)	

Package Options: 10.3 fluid ounce cartridges 5 gallon pails 20 fluid ounce sausages
 28 fluid ounce cartridges 50 gallon pails

DISCLAIMER:

"The following is made in lieu of all warranties, expressed or implied: Manufacturer's obligation shall be to replace such quantity of the product proven to be defective. The manufacturer shall not be liable for any injury, loss or damage, direct or incidental or consequential, arising out of the use of or the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. All values shown are approximations. Values indicated are for guide purposes only, as actual values can change due to application conditions, application methods, environmental conditions etc. The information contained herein is subject to change without notice. Consult your representative for a current data sheet. The foregoing may not be altered except by an agreement signed by the officers of the manufacturer."

See the material safety data sheet and product label for complete safety and precaution requirements.