

NG-SA1

Installation sealant and adhesive for construction materials

NG-SA1 is a single component adhesive-sealant made up of 100% solids, moisture cured, paintable, hybrid technology that develops early-stage green strength and long-term durability.

Standards:

- ASTM C920, Type S, Grade NS, Class 35Uses NT, T1, M, G, A & O
- ASTM E84, Class A
- ASTM D4586
- Federal Specification TT-S-00230-C Type II, Class B
- Corps of Engineers CRD-C-541, Type II, Class B
- Canadian Standards Board CAN 19, 13-M82

Green Standards:

- LEED 2.2 for New Construction and Major Renovations
- Low Emitting Materials (Section 4.1) 1Point
- NAHB Model Green Home Building Guidelines: 5 Global Impact Points
- VOC Content: <17 grams / liter; ASTM D2369 EPA Method 24 (tested at 240°F (115°C))

Regulatory Compliance:

- Conforms to OTC Rule for Sealants and Caulks
- Conforms to USDA Requirements for Non-food Contact
- Meets requirements of California Regulations: CARB, BAAQMD, SCAQMD
- Does not contain cancer-causing chemicals listed in California Proposition 65

***These are typical values and should not be construed as specifications**

Packaging and Colors:

Packaging available in drums, pails, sausages, and cartridges

Standard color is gray. Alternative colors are available for orders that meet the minimum order requirements.

Directions for Use:

- Only use on tested, approved, clean and dry substrates.
- Clean Substrates with only Isopropyl alcohol (not petroleum products).

Handling and Storage:

- Store in cool dry climate away from water, heat, and direct sunlight.
- Shelf life is 18 months in original unopened containers.
- Lower temperature and lower RH will lengthen shelf life.
- Higher temperature and higher RH will reduce shelf life.
- Product will not freeze.

Safety:

- Avoid contact with skin.
 - Product can irritate eyes.
 - If direct eye contact occurs flush with water immediately.
- *Consult the SDS and use proper PPE.**

Test	Results	Units	Test Method
Viscosity	300,000 +/- 100,000	Cp	Brookfield RVT TF Spindle 10 RPM, 73°F (23°C)
Density	13.82	Lbs. per gallon	ASTM D1475
Tooling Time	10-12	Minutes	Skin formation 73°F (23°C) 50% RH
Tack Free Time	25 +/-5	Minutes	Touch 73°F (23°C) 50% RH
Hardness	37	A indenter	ASTM C661
Tensile	180	Psi	ASTM D412
Shear	175	Psi	ASTM D1002
Elongation	500	%	ASTM D412
Low Temperature Flexibility	Pass	1/4" mandrel -15°F (-26°C)	ASTM D522
Shrinkage	None	Visual after 14 days	ASTM D522

Additional Information:

To learn more about NuGlue LLC and the products and services we offer please visit our website at www.nugluellc.com or email us at nuglue@outlook.com

Effective Date: 03/24/23

Disclaimers: Please refer to the Safety Data Sheet (SDS) for complete information on Storage and Handling, Toxicological