



PRODUCT DATA

255.2 PUMPABLE BUTYL SEALANT

DESCRIPTION:

255.2 is a pumpable, one-component, butyl sealant designed to seal metal roofs and side walls. It is also used in refrigeration/freezer assembly, rigid joints, expansion joints and between combinations of wood, glass, metal and masonry. On commercially clean surfaces, 255.2 exhibits 100% cohesive failure. Apply with caulking gun or pump at temperatures between 40°F and 150°F. Cracks deeper than ½-inch should be bottom filled.

255.2 is available in 10.3-fluid ounce plastic caulking cartridges, 5-gallon pails and 55-gallon drums.

PROPERTIES:

Property	Test Method	Typical Values
Color	ASTM D1729	White
Odor		Mild solvent odor when wet. None when dry.
Service Temperature		-20°F to 200°F
% Solids	ASTM C771	84 – 85% by weight (210 g VOC/liter)
% Shrinkage		~15%
Specific Gravity	ASTM D297	1.36 ± 0.05 g/cm ³
Weight per Gallon		11.3 ± 0.5 pounds per gallon
Tensile Strength	ASTM C907	19 psi after 2-weeks @ 77°F
180-degree Peel Strength	ASTM D903, after 3-weeks @ 158°F	Steel: 4.2 pounds/inch, cohesive failure
	ASTM D903, after 3-weeks @ 158°F + 1-week water immersion	Steel: 4.0 pounds/inch, cohesive failure
Flexibility	ASTM C765	Passes a 1-inch mandrel bend @ -10°F
% Elongation	ASTM C907	600%
Slump	ASTM D2202, 30-minutes @ 77°F	0.00-inch typical, 0.25-inch maximum
Viscosity	ASTM D2196	~3 x 10 ⁶ cps
Freeze-Thaw Stability	25,000+ cycles of 6-minutes @ -30°F + 1-minute @ 90°F	Pass
Weatherability	ASTM D750	1000 QUV exposure with very slight yellowing.
Hardness – Shore A	ASTM C661	25
Tack Free Time		~3-hours
Paintability		Paintable
Shelf Life		1-year when stored in the original container at normal warehouse temperatures.

REGULATIONS AND SPECIFICATIONS:

- Federal Specification: TT-C-1796A, Type I, Class A
- FDA Regulation: Meets FDA Regulation, CFR Title 21, food additives sub-paragraph 175.105 being composed of ingredients acceptable for packing and transporting food.
- LEED: Conforms to Leadership in Energy and Environmental Design 2009 for New Construction, Indoor Environmental Quality: Section 4.1, Low-Emitting Materials: Adhesive & Sealants (SCAQMD) Rule # 1168, VOC limits.
- NAAMM: Meets standard SS-1a-68.
- USDA: Is acceptable to the U.S. Department of Agriculture for use in meat and poultry processing areas under federal inspection.

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