



Technical Data Sheet

Neutral Cure Kitchen & Bath Silicone
0836, 0836/20, 0883, 0883/20, 0885,
0887

Description

A premium quality 100% silicone sealant formulated for low odor. This product forms strong, flexible, durable, water resistant seals for joints by providing excellent adhesion to most non-porous surfaces. Product is specially formulated for kitchen & bath applications. Product is recognized by USDA, UL & conforms to FDA Requirements.

Key Features

- VOC Compliant
- Mildew-Resistant
- Non-Corrosive
- Low-Odor
- Applies Below Freezing to Clean, Dry, Frost-Free Surfaces
- Watertight Seal
- Remains Flexible
- USDA Recognized
- UL Listed
- Exceeds ASTM, Federal & Mil Specs; ASTM C920 Class 25; Fed TT-S-00230C Type II Class A & Fed TT-S- 001543A; Mil Spec 46106A

Uses

Kitchen & Bath applications such as Sinks, Tubs, Showers, Stools, Countertops, Fixtures, Splashboards, Vanities.

Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint, frost & old caulking. Clean metal surfaces may be primed for best results. Apply only when sealant, air & substrate temperatures are above 10F & rising & below 100F.

Directions

1. Clip off tip of nozzle @ 45 degree angle to desired size.
2. Use only in well ventilated area.
3. Masking tape along joint sides will assure straight edge & neat appearance.
4. Apply using steady, even pressure to completely bridge joints.
5. Smooth sealant using back of spoon dipped in solution of soapy water, for a neat appearance.
6. Wipe away excess with a paper towel before surface skins.
7. Protect from water until cured (usually 24 hrs). Note: SEALANT NOT PAINTABLE. Complete painting prior to application of sealant.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	8.50 +/- 0.50
Specific Gravity	Test Lab	1.0 to 1.25
Coverage	Test Lab	50 to 55 linear feet @ ~ 3/16" bead
Total Non Volatile % Solids (Weight)	Computrac Analyzer	> 90%
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	25 seconds +/- 10 seconds
Consistency/Appearance	Visual Observation	Smooth, Viscous Paste
Odor	Subjective	Low
Base Polymer	Known	Siloxane Blend
Pigment	Known	Fumed Silica
Joint Movement Capability	Test Lab	50% (+/- 25%)
Modulus	Test Lab	Medium/High
Toxicity (TT-S-001543A)	Test Lab	Non-toxic; used as directed
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Minimum 1 Yr Unopened @ 77F
Slump	ASTM D2202 Jig	0
Artificial Weathering	ASTM – QUV Tester	No Change @ 10,000 hrs
Flexibility	ASTM 734	Excellent; Pass @ -15F
Tack Free Time	ASTM D2377	< 2 hours
Shore A Hardness	ASTM D2240	23 +/- 3
Storage Conditions	Test Lab	Cool, dry place; best results
Application Temperature	Test Lab	10F to 100F (-13C to 38C)
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-60F to 400F (-51C to 204C)
% Elongation @ Break (D-412)	Test Lab/Field Evaluation	475% +/- 50%
Peel Strength-Glass (TT-S-001543A)	Test Lab/Field Evaluation	40 ppi +/- 5
Weight Loss (TT-S-001543A)	Test Lab	5 to 6% Maximum
Durability (TT-S-001543A)	Test Lab	Complies

Clean Up

Dry Paper Towel/Rag or Mineral Spirits before cure

For Best Results

- Complete all painting prior to sealant application
- Apply only to properly prepared surfaces; silicone will not adhere to itself or to other sealants; with sealant, surface & air temperature between 10F & 100F.
- Tool applied bead with back of spoon, dipped in soapy water
- Clean up solvent before cure is Mineral Spirits; after cure remove excess with razor blade; avoid undercutting seal

Color

Clear, White, Almond

Packaging

HDPE Cartridges, Aluminum Squeeze Tubes

Limitations

- Sealant NOT PAINTABLE
- Requires Solvent Clean-up

Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>YES</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>None</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Not Regulated by DOT</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>NA</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>NA</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>NA</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>< 1.5%/weight, < 40 g/L</i>

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See MSDS for additional information)

LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION