TECHNICAL DATA SHEET

2400 Boston Street |Suite 200 | Baltimore, MD | 21224

DAP® SILICONE MAX™ Premium Kitchen, Bath & Plumbing 100% Silicone Sealant

PRODUCT DESCRIPTION

DAP® SILICONE MAX™ PREMIUM KITCHEN, BATH & PLUMBING 100% SILICONE SEALANT provides 20 year mold and mildew resistance. It won't crack or shrink, providing a durable, 100% waterproof seal. DAP SILICONE MAX is water ready in just 30 minutes. Once cured, it is safe for incidental food contact. Ideal for a wide variety of kitchen and bath applications such as sealing around sinks, tubs, showers, back splashes, countertops and fixtures. Sealant backed by a Lifetime Guarantee. Interior use.

PACKAGING	COLOR	UPC
2.8 fl oz (82.8 mL)	White	7079808795
2.8 fl oz (82.8 mL)	Clear	7079808794
10.1 fl oz (300 mL)	White	7079808667
10.1 fl oz (300 mL)	Clear	7079808668
10.1 fl oz (300 mL)	Almond	7079808793

KEY FEATURES & BENEFITS

- 20 year mold & mildew resistance
- Maximum flexibility
- 30 minute water ready
- 100% waterproof
- Shrink and crack proof
- Certified by NSF to NSF / ANSI Standard #51
- Safe for incidental food contact. When cured and washed, the product meets the requirements of FDA Regulation No. 21 CFR 177.2600.
- Interior use
- Lifetime Guarantee

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SUGGESTED USES

USE FOR CAULKING AND SEALING:

- Showers
- Tubs
- Sinks
- Countertops
- Backsplashes
- Pipes
- Vents
- Fixtures
- Repairing loose tile

ADHERES TO:

- Ceramic
- Porcelain
- Glass
- Cultured marble
- Vinyl
- Most plastics
- Most rubbers
- Most metals*
- Fiberglass
- Wood – non-oily
- Drywall
- Plaster

FOR BEST RESULTS

- Application temperature range is between -35°F and 140°F.
- Joint width should not exceed ½". If joint depth exceeds ½", use foam backer rod.
- Allow 24 hours for sealant to fully cure. Sealant will not cure in totally confined spaces.
- Corrodes some metals. *Not recommended for use on or near brass, copper or copper alloys, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.
- Not recommended for filling butt joints, surface defects, tuck pointing, stovepipes, chimneys, fireplaces applications, continuous underwater use or oily woods and some metals. Not recommended for structural glazing.
- Not recommended on surfaces that might bleed oils, plasticizers or solvents. Best adhesion and compatibility are not achieved with substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene or polytetrafluoroethylene. Evaluate such substrates before using sealant.
- **Not paintable.** Paint substrate surface before applying sealant.
- Store below 80°F in dry place for optimal shelf life.

APPLICATION

Surface Preparation

Surface must be clean, dry, structurally sound and free of old caulk, dirt, dust & other foreign material.

Product Application

1. If using squeeze tube, remove cap & cut nozzle at 45º angle to desired bead size. Unscrew nozzle & remove foil seal. Replace nozzle.

2. If using cartridge, cut nozzle at a 45° angle to desired bead size. Puncture inner foil seal. Load into caulk gun.
3. Fill gap or crack with sealant.
4. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
5. At 73°F & 50% relative humidity, sealant is water resistant at 30 minutes & reaches full cure in 24 hours. Low humidity may slow cure.
6. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water.
7. Sealant is not paintable. Paint surfaces prior to applying sealant.
8. Reseal cartridge/tube for storage and reuse.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Smooth paste
Base Polymer	Silicone rubber
Filler	Not applicable
Volatile	Not applicable
Weight % Solids	>97%
Density (lbs per gallon)	8.4
Odor	Vinegar like
Flash Point	>212ºF
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	24 months
Coverage	10.1 fl oz: 55 linear feet at 3/16” diameter bead 2.8 fl oz: 15 linear feet at 3/16” diameter bead
Typical Application Properties	
Application Temperature Range	-35ºF to 140ºF
Tooling Time (Working Time)	5-10 minutes
Tack Free Time	10-25 minutes
Full Cure	24 hours
Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	0.05”
Typical Cured Performance Properties	
Service Temperature Range	-40ºF to 400°F

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Water Ready Time	30 minutes
Paint Ready Time	Not paintable
Mildew Resistance	20 year mold & mildew resistance guarantee

CLEAN UP & STORAGE

Remove excess uncured sealant from surfaces and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water. Store container in temperatures below 80ºF and in a dry place.

SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request a SDS by visiting our website at dap.com or calling 888-DAP-TIPS.

WARRANTY

LIFETIME GUARANTEE: DAP warrants this product for sealant purposes during the lifetime of your home, when used as directed, within one year of purchase. Call (888) DAP TIPS, with your sales receipt and product container available for replacement product or sales price refund. DAP is not liable for incidental or consequential damages.

COMPANY IDENTIFICATION

Manufactured for: DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

Usage Information: Call 888-DAP-TIPS or visit dap.com & click on “Ask the Expert”

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com