



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224
Phone: 410-675-2100 or 800-543-3840

Revised: 05/09/209

DAP® Silicone *Plus*™ Premium Silicone Rubber Concrete & Masonry Sealant

- Water resistant in 30 minutes
- 100% waterproof
- Cured Sealant is Mildew Resistant
- No Cracking or Shrinking
- Low Odour
- Superior Flexibility and Adhesion
- ASTM C 920, CLASS 25, TYPE S, GRADE NS
- Indoor/Outdoor
- Lifetime Guarantee

Packaging: 10.8 fluid ounce cartridges (319 ml)
Colors: Gray
UPC Number: 070798733664

Company Identification:

Manufactured For: DAP Products Inc., 2400 Boston St., Suite 200, Baltimore, Maryland 21224
Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.
Order Information: 800-327-3339
Fax Number: 410-534-2650
Also, visit the DAP website at www.dap.ca

Product Description:

DAP® Silicone *Plus*™ Premium Silicone Rubber Concrete & Masonry Sealant is a one-component neutral cure material that cures to a tough rubbery solid upon exposure to moisture in the air. It provides a long lasting, flexible, watertight seal and offers excellent adhesion for concrete and masonry applications. Backed by a Lifetime Guarantee.

Suggested Uses:

Ideal for Caulking and Sealing:

- Driveways
- Patios
- Sidewalks
- Masonry
- Above ground foundation
- Steps
- Tuck pointing
- Filling and sealing cracks and joints

Adheres to:

- Concrete
- Masonry
- Ceramic Tile
- Latex painted wood
- Brick
- Sealed limestone tile

Surface Preparation & Application:

1. Surface must be clean, dry and free of old caulk, dirt and debris.
2. Cut nozzle at 45° angle to desired bead size.
3. Puncture inner foil seal.
4. Load cartridge into caulking gun.
5. Fill gap with sealant, pushing sealant ahead of nozzle.
6. If necessary, smooth bead with a finishing tool.
7. 73°F and 50% relative humidity, sealant is water resistant 30 minutes after application and reaches full cure in 24 hours. Low humidity may slow cure.
8. Clean up excess uncured sealant with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirit to clean skin.

For Best Results:

- Not recommended for filling butt joints, surface defects, tuck-pointing, stovepipes, chimneys, fireplace applications, continuous underwater use or on oily woods and some metals.
- Joint width should not exceed 1/2". If joint depth exceeds 1/2", use polyethylene foam as backup filler.
- Not recommended for structural glazing.
- Not paintable. Paint substrate surface before applying sealant.
- Store below 90°F in a dry place for optimal shelf life.
- 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.
- Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces.

Typical Physical & Chemical Characteristics:

Base:	Silicone
Solids:	>97.0% by weight
Weight per Gallon:	8.7 lbs./gal.
Temperature Service Range: (Cured Sealant)	-40°F to 300°F
Temperature Application Range:	40°F to 120°F
Consistency:	Smooth Paste
Open or Tooling Time:	10-15 Minutes
Tack-free time	60 minutes
Cleanup:	Mineral Spirits (when uncured)
Shelf Life:	24 Months from manufacturing date
Coverage:	59 linear ft. at 3/16" diameter bead
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Clean Up:

Before curing, remove excess material with a solvent-moistened towel. After product has cured, material must be cut or scraped away. Clean tools with mineral spirits. Do not use mineral spirit to clean skin.

Safety:

WARNING! VAPOR HARMFUL. MAY CAUSE ALLERGIC SKIN REACTION. Methylketoxime is evolved during cure. May cause eye, skin and respiratory irritation. May cause drowsiness. Repeated or prolonged exposure may cause adverse skin, blood & liver effects. Harmful if swallowed or absorbed through the skin. Do not breathe vapors. Use only with adequate ventilation. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. Wear gloves and safety glasses. Wash thoroughly after handling. **WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. **FIRST AID:** SKIN: Wash thoroughly. EYE: immediately flood with plenty of water. INHALATION: Remove to fresh air. INGESTION: DO NOT INDUCE VOMITING. Get medical attention if complications arise from any exposure. **For emergencies**, call your poison control center at 1-800-222-1222. See product label and Safety Data Sheet (SDS) for additional information. For an SDS, contact your supplier or visit dap.com. **KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.**

Lifetime Guarantee:

DAP warrants the performance of this product for sealant purposes during the lifetime of your home. If not satisfied, return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston Street, Suite 200, Baltimore, MD 21224 for product replacement or sales price refund. DAP will not be liable for incidental or consequential damages.