



# TECHNICAL DATA SHEET

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

## DAP® SILICONE PLUS™ Advanced Kitchen & Bath 100% Silicone Sealant

### PRODUCT DESCRIPTION

DAP® SILICONE PLUS™ Advanced Kitchen & Bath 100% Silicone Rubber Sealant is a one-component, neutral cure silicone that cures to a tough, rubbery solid. Once cured, it provides 5-year mould and mildew resistance. It is water ready in just 30 minutes without washing out. DAP® SILICONE PLUS™ is shrink and crack proof and provides outstanding durability and flexibility for a 100% waterproof seal. Low in odour. Ideal for a wide variety of kitchen and bath applications such as sealing around sinks, tubs, showers, back splashes, countertops and fixtures. Backed by a Lifetime Guarantee. Interior use.



PACKAGING	COLOUR	UPC
319 mL (10.8 fl oz.) Cartridge	White	7079873376
319 mL (10.8 fl oz.) Cartridge	Almond	7079873380
319 mL (10.8 fl oz.) Cartridge	Clear	7079873374
319 mL (10.8 fl oz.) Cartridge	Grey	7079873386
319 mL (10.8 fl oz.) Cartridge	White	7079873276
83 mL (2.8 fl oz.) Tube	White	7079873382
83 mL (2.8 fl oz.) Tube	Clear	7079873383

### KEY FEATURES & BENEFITS

- 5 year mould & mildew resistance
- Superior adhesion & flexibility
- 30 minute water ready
- 100% waterproof
- Shrink & crack proof
- Low odour
- 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 -37°C and 48°C.
- Joint width should not exceed 13 mm (1/2"). If joint depth exceeds 13 mm (1/2"), use foam backer rod.
- Allow 24 hours for sealant to fully cure. Sealant will not cure in totally confined spaces.
- Not recommended for filling butt joints, surface defects, tuck pointing, structural glazing, continuous underwater use, high temperature surfaces, or surface defects.
- Not recommended on surfaces that might bleed oils, plasticizers or solvents. Best adhesion and compatibility are not achieved with substrates made of methyl methacrylate, polycarbonate, polypropylene, polyethylene or polytetrafluoroethylene. Evaluate such substrates before using sealant.
- **Not paintable.** Paint substrate surface before applying sealant.
- Store below 26°C 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 the squeeze tube, remove cap.
2. If using the cartridge, cut nozzle at a 45° angle to desired bead size.
3. Puncture inner foil seal.
4. Load cartridge into caulk gun.
5. Fill gap or crack with sealant.
6. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
7. At 22°C & 50% relative humidity, sealant is water resistant at 30 minutes & reaches full cure in 24 hours. Low humidity may slow cure.
8. 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.
9. Sealant is not paintable. Paint surfaces prior to applying sealant.
10. Reseal cartridge or storage and reuse.



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency	Smooth gunnable paste
Base Polymer	Silicone rubber
Filler	Not applicable
Volatile	Not applicable
Weight % Solids	>97%
Density (lbs per gallon)	8.7
Odour	Very mild
Flash Point	>100°C
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	24 months
Coverage	18 linear meters (59 linear feet) at 5 mm (3/16") diameter bead
<b>Typical Application Properties</b>	
Application Temperature Range	-37°C to 48°C
Tooling Time (Working Time)	10-15 minutes
Tack Free Time	50 minutes
Full Cure Time	24 hours
Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	1 mm (0.05")
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-40°C to 148°C
Water Ready Time	30 minutes
Paint Ready Time	Not paintable
Mildew Resistance	5 year mould & 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 26°C and in a dry place.



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## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request an SDS by visiting our website at [dap.ca](http://dap.ca) or calling 888-DAP-TIPS.

## WARRANTY

**LIFETIME GUARANTEE:** DAP Canada, DAP Products Inc. and their respective affiliates warrants this product for sealant purposes during the lifetime of your home, when used as directed, within one year of purchase. If not satisfied, return used container & sales receipt to DAP Canada for product replacement or sales price refund. DAP is not liable for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufactured for:** DAP Canada, 475 Finchdene Square, Unit 5, Scarborough, ON, M1X 1B7

**Usage Information:** Call 888-DAP-TIPS or visit [dap.ca](http://dap.ca) & click on "Ask the Expert"

**Order Information:** 800-668-9397 or 416-321-1522

**Fax Number:** 416-321-3325

**Also visit the DAP website at [dap.ca](http://dap.ca)**