



# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Phone: 410-675-2100 or 800-543-3840

Revised: 1/25/16

## DAP® 3.0™ High Performance Kitchen, Bath & Plumbing Sealant – Crystal Clear

- 10 year mold & mildew resistance with MICROBAN® Antimicrobial Product Protection
- 30 minute water & paint ready
- 100% waterproof
- Superior flexibility
- Shrink & crack proof
- Safe for granite & marble
- Low odor
- Lifetime guarantee

**Packaging:** 9.0 fl. oz. (266 mL) cartridge

**Color:** Crystal Clear

**UPC Number:** 70798 00795, 70798 07043

### Company Identification:

Manufacturer: DAP Products Inc., 2400 Boston St., Suite 200, Baltimore, Maryland 21224

Usage Information: Call **1-888-DAP-TIPS** or visit [dap.com](http://dap.com) & click on "Ask the Expert"

Order Information: 800-327-3339

Fax Number: 410-558-1068

Also, visit the DAP website at [www.dap.com](http://www.dap.com)

### Product Description:

**DAP® 3.0™ HIGH PERFORMANCE KITCHEN, BATH & PLUMBING SEALANT** is ideal for sealing around tubs, showers, sinks, backsplashes, counter tops, and fixtures to keep out water and moisture. It offers 10 year mold resistance and is specially formulated with MICROBAN® Antimicrobial Product Protection to fight the growth of stain and odor-causing mold and mildew on the sealant. It is water resistant and paintable in 30 minutes. DAP® 3.0™ Kitchen, Bath & Plumbing Sealant won't crack or shrink, provides excellent adhesion, flexibility and durability for a 100% waterproof seal. Safe for granite and marble. The crystal clear clarity allows the surface beauty to shine through. Low odor. Backed by a Lifetime Guarantee. Interior use.

### Suggested Uses:

*Ideal for caulking and sealing around:*

- Showers
- Tubs
- Sinks
- Backsplashes
- Countertop
- Fixtures
- Repairing loose tiles
- Filling and sealing gaps and joints

***Adheres to:***

- *Natural Stone*
- *Vinyl*
- *Granite and Marble*
- *Metal*
- *Glass*
- *Wood*
- *Plaster and drywall*
- *Painted surfaces*
- *Ceramic Tile*

### **Performance Characteristics:**

- Accelerated cure time allows exposure to water after only 30 minutes without washing out
- 100% waterproof to provide a permanent waterproof seal
- 10 year mold & mildew resistance with MICROBAN Antimicrobial Product Protection
- Safe for granite and marble
- Crystal clear clarity allows the beauty of the surface to shine through
- Paintable in 30 minutes
- Meets ASTM C920, Class 25

### **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 caulk gun.
5. Fill gap with sealant, pushing sealant ahead of nozzle.
6. If necessary, smooth bead with a finishing tool.
7. Allow sealant to cure for at least 30 minutes before exposing to water. Sealant surface may still be tacky. Sealant reaches full cure in 24 hours.
8. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirit to clean skin.
9. Paintable with most acrylic latex paints in 30 minutes (surface may still be tacky). Use an acrylic primer for oil-based paints.

### **For Best Results:**

- Application temperature range is between 20°F and 120°F.
- Not for continuous underwater use, on stovepipes or for surface defects.
- Store product below 80°F away from extreme heat or moisture.
- Certain porous substrates such as concrete may require primer for best adhesion.
- Regular cleaning of sealant and surrounding area required to remove soap scum and other dirt which can cause superficial mold and mildew.

### **Typical Physical & Chemical Characteristics:**

|  |  |
|--|--|
| Vehicle:                                   | Advanced Polymer   |
| Tooling Time:                              | 10 minutes   |
| Full Cure Time:                            | 24 hours   |
| Paintable:                                 | Yes  |
| Odor:                                      | Very mild  |
| Consistency:                               | Smooth, clear paste                                      |
| Filler:                                    | None   |
| Solids:                                    | > 97% by weight  |
| Weight per Gallon:                         | 8.6 lbs/gallon   |
| Elongation:                                | 300%   |
| Tensile Strength                           | 170 psi  |
| Elastic Modulus                            | 55 ± 5 psi   |
| Service Temperature Range (Cured sealant): | -65°F to 190°F for continuous use, 250°F with excursions |
| Application Temperature Range:             | 20°F to 120°F  |

|                        |  |
|------------------------|--|
| Freeze Thaw Stability: | Will not freeze                                    |
| Shelf Life:            | 12 months if unopened and stored in cool dry place |
| Coverage:              | 49 linear feet at 3/16" diameter bead              |
| SDS No.:               | 00010079001  |

**Note:** The physical properties were tested under standard conditions of 23°C (73°F) at 50% relative humidity. Typical characteristic values should not be used as specifications.

### **Clean Up & Storage:**

Remove excess uncured sealant from surface and tools with mineral spirits. Cured sealant must be cut or scraped away. Clean hands and tools with soap and water. Store product below 80°F away from extreme heat or moisture.

### **Safety:**

Warning! Contains phthalate esters & 3-(trimethoxysilyl) propylamine. During application & cure, methanol is released. Use only with adequate ventilation. Avoid breathing vapors by opening windows & doors. Ensure fresh air entry during application & drying. Harmful if swallowed or absorbed through the skin. May cause eye & skin irritation. May cause allergic skin sensitization. Avoid contact with eyes & skin. Wear gloves & safety glasses. Remove contact lenses before use. **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: Flood with large quantities of water. INHALATION: Remove to fresh air. INGESTION: DO NOT INDUCE VOMITING. Get medical attention immediately if complications arise from any exposure. **For emergencies**, call your poison control center at 1-800-222-1222. See 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.** See product label and Safety Data Sheet (SDS) for additional safety information. You can request an SDS by visiting **dap.com** or by calling 888-DAP-TIPS.

### **Lifetime Guarantee:**

DAP warrants this product for sealant purposes during the lifetime of your home when applied as directed within one year of purchase. If product fails to perform, return container and sales receipt to DAP Products Inc., TCS, 2400 Boston St., Baltimore, MD 21224 for replacement product or sales price refund. DAP will not be liable for incidental or consequential damages.

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