



# TECHNICAL BULLETIN

90/42 16<sup>th</sup> Floor, Sathorn Thani Bldg., North Sathorn, Silom, Bangrak, Bangkok 10500  
Tel: (66)2-863-3200 Fax: (66)2-863-4955 www.egispro.com

## DAP<sup>®</sup> Kitchen and Bath 100% Silicone Sealant

- Cured sealant is mildew resistant
- Watertight seal
- Long-lasting flexibility
- Minimal shrinkage

### **Product Description:**

**DAP<sup>®</sup> 100% Silicone Kitchen and Bath Sealant** is a one component, Acetoxy cure material ideal for caulking and sealing in kitchen and bath areas. It provides a durable, watertight seal that won't crack or shrink. It offers long-lasting flexibility and excellent adhesion. It is safe for incidental food contact. Once cured, it is unaffected by temperature extremes (-40°F to 400°F). It meets ASTM Specification C 920, Class 25, Type S, Grade NS.

### **Suggested Uses:**

*Ideal for caulking and sealing:*

- Tubs
- Sinks
- Showers
- Toilets
- Fixtures
- Countertops
- Backsplashes
- Repairing loose tiles

*Adheres to:*

- Glass
- Ceramic
- Fiberglass
- Porcelain
- Non-oily woods
- Most metals (*see For Best Results section*)
- Most plastics and rubbers
- Painted surfaces

### **Performance Characteristics:**

- When cured and washed, the product meets the requirements of FDA Regulation No. 21 CFR 177.2600.

### **For Best Results:**

- Application temperature is between -35°F and 140°F.
- Joint width should not exceed 1/2". If joint depth exceeds 1/2", use backer rod material.
- Not paintable. Paint surfaces before sealing.
- Not recommended for continuous underwater use, below grade use, use on wet surfaces, oily woods, stovepipes or chimneys. Not for fireplace applications, tuck pointing, butt joints, structural glazing or repairing surface defects.
- Not recommended for use on cementitious materials or surfaces that might bleed oils, plasticizers or solvents. Substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene and polytetrafluoroethylene do not allow for best adhesion and compatibility with sealant. Try test area before using.
- Not recommended for use on brass, copper, magnesium, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.
- Do not use where abrasion and physical abuse are encountered.
- Store in temperatures below 90°F in a dry place.



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## **Surface Preparation & Application:**

1. Remove old caulk from surface. Prepare a clean, dry surface which is free of loose debris, dust, dirt, soap, oil or grease.
2. When using 10.1 oz cartridge, cut nozzle at 45° angle to desired bead size. Puncture inner foil seal. Load into caulking gun.
3. Apply sealant to surface, pushing sealant ahead of nozzle.
4. Smooth bead with finishing tool if necessary.
5. Clean up excess uncured sealant from surface and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Wash hands with soap and water.
6. Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces.
7. When applying to hard rubber or plastic surfaces, lightly sand or roughen surface before application to maximize adhesion.
8. When bonding two surfaces together, always clamp until cured, if possible.
9. When using sealant to form weather-stripping or other formed rubber parts, place wax paper over sealant to prevent sticking to mating piece until it has cured.
10. Reseal for reuse.

## **Physical & Chemical Characteristics:**

Polymer:	Silicone Rubber
Tooling Time:	5-10 Minutes
Tack Free Time:	10-25 Minutes
Dynamic Joint Movement:	±25%
Paintable:	No
Odor:	Vinegar-like
Consistency:	Smooth, Gunnable Paste
Specific Gravity:	1.03 ±0.01
Solids:	97.0% ±1.0% by weight
Density:	8.6 lbs./gallon
Temperature Service Range:	-40°F to 400°F (after full cure)
Temperature Application Range:	-35°F to 140°F
Freeze Thaw Stable:	Yes
Shelf Life:	1 Year
Coverage:	10.1 fl. oz.: 55 linear ft. at a 3/16" bead size
2.8 fl. oz.:	15 linear ft. at a 3/16" bead size
MSDS No:	00680