



# Technical Data Sheet



## Kitchen & Bath Multi-Surface Adhesive Sealant 0785 Series

### Description

Kitchen & Bath Adhesive Sealant is formulated from a special emulsion blend & fortified with silicone to produce a premium product, curing to a smooth, scrubbable finish. It offers superior adhesion, mildew-resistance & outstanding whiteness.

### Key Features

- Vacuumized for optimum appearance & performance
- Easy application & tooling
- Bright White or Colors
- Superior Adhesion to multiple substrates
- Suitable for resetting 4X4 ceramic tiles on gypsum wallboard
- Mildew Resistant
- Water clean-up
- VOC Compliant
- Ultra smooth, satin finish

### Uses

Provides a water resistant seal for many kitchen & bath applications. Product may be used on countertops, vanities, sinks, bathtubs, showers, splashboards & fixtures. Adheres to wood & drywall. May be used to re-set small ceramic tiles to gypsum wallboard; tile size not to exceed 4 1/4 X 4 1/4 inch.

### Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking or adhesive. Prime bare surfaces before caulking for best results. Apply only when caulk, air & substrate temperatures are above 40 F.

Remove mildew by scrubbing with a solution of 4 oz TSP (Trisodium Phosphate), 1 quart of liquid bleach mixed with 3 quarts of warm water. Protect eyes & hands by wearing goggles & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely before caulking & painting.

### Directions

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using Caulk Smoother or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins.
5. Protect from water until cured (72 hrs). May be painted over in 4 to 6 hrs depending on climatic conditions. Larger beads, cooler temperatures or higher humidity will prolong drying time.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	10.5 to 11.5
Specific Gravity	Calculated	1.25 to 1.35
Total Non Volatile % Solids (Weight)	Computrac Analyzer	70 to 75%
Total Non Volatile % Solids (Volume)	Test Lab	60 to 65%
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	15 to 20 seconds
Consistency/Appearance	Visual Observation	Smooth, Creamy Paste
pH (initial)	pH Meter	7.5 to 9.0
Odor	Subjective	Mild – Pleasant
Base Polymer	Known	Vinyl Acetate Emulsion
Pigment	Known	Calcium Carbonate/Rutile TiO2
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	>200F – Non-Flam, Waterborne
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Pass 3 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Expect 2 Yrs @ 72F
Slump	ASTM D2202 Jig	< 0.50 in
Artificial Weathering	ASTM – QUV Tester	OK @ 1000 hrs
Flexibility	4" Mandrel @ 35 F	Pass
Tack Free Time	ASTM D2377	1 hour @ 72F
Shore A Hardness	ASTM D2240	60 to 70
Storage Conditions	Test Lab	Cool/Dry, Avoid Freezing/Heat
Application Temperature	Test Lab	50F to 90F
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	10F to 140F
Tooling	Test Lab/Field Evaluation	Excellent
Paintability	Test Lab/Field Evaluation	Excellent @ 4 – 6 hrs drying
Adhesion	Test Lab	Excellent – to most K&B substrates @ cure – when used as directed

## Clean Up

Clean skin & equipment immediately after use with warm water & a mild soap.

## For Best Results

- Apply in temperatures between 50F & 90F.
- Store @ temperatures between 40F & 90F.
- Do not use on automobiles or for applications below waterline.
- Do not attempt to thin.
- Prime bare surfaces.
- For a neat, straight bead edge, mask both sides of joint with masking tape.
- Do not "overtool" the applied caulk, leaving too little caulk to perform, following cure.
- Allow a minimum of 4 to 6 hours drying time before painting.
- When using to re-set loose tiles, apply a dab @ each corner & @ the center.
- Joint width should not exceed 3/8". If joint depth exceeds 3/8", use a backer rod.

## Color

Bright White & Colors

## Packaging

5.5 oz Squeeze Tube

## Limitations

- Apply only to clean, dry surfaces.
- Protect from exposure to water for 72 hrs.
- Not for use on aquariums
- Cool temperatures & high humidity will slow down cure.
- When using to reset loose ceramic tiles, do not exceed 4 1/4 X 4 1/4.

## Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>Yes</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>Yes (see MSDS)</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Not Regulated by DOT</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>None</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>None</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>None</i>
<i>VOC Content</i>	<i>Calculated</i>	<i>&lt; 1.5%/wt, &lt; 25 g/L</i>

**CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See MSDS for additional information)**

**Contains Titanium Dioxide; added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Silica, Crystalline present in Calcium Carbonate Filler @ 0.10 to 0.75%/weight (Prop 65 List). Vinyl acetate present in base emulsion, listed as follows; ACGIH: Confirmed animal carcinogen w/ unknown relevance to humans. IARC: Possible carcinogen. OSHA: Not listed. Non-white colors may contain carbon black in color dispersion.**

## LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

TDS Number: 0785TD Series

Date of Issue: January 19, 2010

SEE MSDS FOR ADDITIONAL DATA/INFORMATION