



Technical Data Sheet



All-Purpose Adhesive Caulk – Cartridge 0780, 0780/20

Description

All-Purpose Adhesive Caulk is a premium grade adhesive caulk. It provides excellent adhesion to multiple substrates. Material is bright white or bisque & mildew-resistant @ full cure. It offers water clean-up & is easy to apply & tool.

Key Features

- Vacuumized for optimum appearance & performance
- Easy application & tooling
- Available in white or bisque
- Excellent adhesion
- Mildew resistant @ full cure
- Water clean-up
- VOC Compliant
- Ultra smooth, satin finish

Uses

Provides a durable mildew-resistant seal for interior/exterior applications when used on wood, drywall, metal, concrete, brick, plaster, masonry & tile. Ideal for cracks around doors & windows. Excellent for gluing loose molding, baseboards & backsplashes. Product is also excellent around sinks & for other plumbing & utility applications, where extra adhesion is required.

Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. 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 a Red Devil 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. 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 | 11.0 +/- 1.0 |
| Specific Gravity | Calculated | 1.25 to 1.50 |
| Total Non Volatile % Solids (Weight) | Computrac Analyzer | 70% +/- 4 |
| Extrudability/Application (as packaged) | Semco Gun (6 oz @ 50 psi) | 15 sec +/- 5 |
| Consistency/Appearance | Visual Observation | Smooth, Creamy Paste |
| pH (initial) | pH Meter | 7.0 to 9.0 |
| Odor | Subjective | Mild – Pleasant |
| Base Polymer | Known | Vinyl Acetate Emulsion Blend |
| Pigment | Known | Calcium Carbonate/Rutile TiO2 |
| External Plasticizer | Known | Benzoate Ester |
| Flash Point | Closed Cup | >200F – Non-Flam, Waterborne |
| Freeze/Thaw Stability | Test Lab 0 F/77 F @24 hrs or ASTM C731 | Pass 5 Cycles |
| Shelf Life | Lab 50 C Oven – Accelerated | Minimum 1 yr @ 72F, original, unopened container |
| Slump | ASTM D2202 Jig | < 0.15 |
| Artificial Weathering | ASTM – QUV Tester | OK @ 1000 hrs |
| Flexibility | 4" Mandrel @ 32 F | Pass |
| Tack Free Time | ASTM D2377 | < 2 hrs |
| Shore A Hardness | ASTM D2240 | 55 +/- 10 |
| 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 150F |
| Tooling | Test Lab/Field Evaluation | Excellent |
| Paintability | Test Lab/Field Evaluation | Excellent @ 4 – 6 hrs drying |

Clean Up

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

For Best Results

- Apply caulk in temperatures between 50F & 90F.
- Store caulk @ temperatures between 40F & 90F.
- Do not use on automobiles or for applications below waterline.
- Do not attempt to thin caulk.
- Prime bare surfaces before caulking.
- 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.
- Cured beads should be between 1/8 - 1/2 inch wide & 1/8 - 1/4 inch deep.
- Use backer rod for cracks deeper than 1/4 inch.

Color

Bright White & Bisque

Packaging

10.1 oz Plastic Cartridge

Limitations

- Apply only to clean, dry, frost-free surfaces.
- Do not apply when rain or freezing temperatures are expected.
- Protect from rain & exposure to water for 72 hrs.
- Not for use on aquariums or mirrors
- Cool weather & high humidity will slow down cure time.

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>< 1.5%/wt, < 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. Contains Prop 65 Ingredients (see MSDS). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. 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.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION