



Technical Data Sheet

Painter's Caulk Acrylic Latex
Product No. 0746

Description

A general purpose Painter's Caulk formulated for interior or exterior use. Product provides good adhesion to most common building materials. Caulk should be painted with premium paint for best results.

Key Features

- Water Clean Up
- Excellent Paintability
- Easy Application & Tooling
- VOC Compliant

Uses

Use around windows & doors & similar areas for sealing out the elements & increasing energy efficiency.

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 40F & rising. 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 & water & 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. Load cartridge into caulking gun & apply using steady, even pressure to completely bridge joint.
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 over.
5. Protect from water until cured (72 hrs). May be painted in 2 hrs with latex paint & 24 hrs with oil based paint depending on climatic conditions. Conditions of cooler temperatures & higher humidity will extend drying time.

| <u>Physical/Performance Property</u> | <u>Test Method</u> | <u>Typical Result</u> |
|---|---|--|
| Weight Per Gallon | Gardner Cup | 14.0 +/- 1.0 |
| Specific Gravity | Calculated | 1.55 to 1.80 |
| Total Non Volatile % Solids (Weight) | Computrac Analyzer | 80.5% +/- 2.5% |
| Total Non Volatile % Solids (Volume) | Test Lab | 70.0% +/- 2.5% |
| Extrudability/Application (as packaged) | Semco Gun (6 oz @ 50 psi) | 12 seconds +/- 5 |
| Consistency/Appearance | Visual Observation | Smooth Creamy Paste |
| pH (Initial) | pH Meter | 7 to 10 |
| Odor | Subjective | Mild |
| Base Polymer | Known | Acrylic Emulsion |
| Filler/Pigment | Known | Calcium Carbonate & TiO2 |
| Siloxane Adhesion Promoter | Known | Yes |
| Flash Point | Closed Cup | Non-Flam; > 200F |
| Freeze/Thaw Stability | Test Lab 0 F/77 F @24 hrs or ASTM C731 | Passes 5 Cycles |
| Shelf Life | Lab 50 C Oven – Accelerated | Minimum 1 yr @ 72F |
| Slump | ASTM D2202 Jig | 0 |
| Artificial Weathering | ASTM – QUV Tester (1000 hrs) | No Cracking in QUV Exposure |
| Flexibility | Test Lab | Pass 2 in Mandrel @ 40F |
| Tack Free Time | ASTM D2377 | < 1 hr @ 72F |
| Storage Conditions | Test Lab | 40F to 90F |
| Application Temperature | Test Lab | 40F to 90F |
| Service Temperature | Lab Oven/QUV/Freezer/OE Fence | -20F to 180F |
| Tooling | Test Lab/Field Evaluation | Excellent |
| Paintability | Test Lab/Field Evaluation | Excellent when performed according to directions |
| Coverage | Test Lab | 50 linear feet (3/16 in bead) |

Clean Up

Mild soap & water

For Best Results

- Apply caulk in temperatures above 40F & rising
- Store caulk in temperatures between 40F & 90F
- Do not use below grade or below waterline
- Do not use on joints subject to heavy abrasion or wear
- Prime bare surfaces before caulking
- For a neat, straight bead edge, mask both sides of joint w/ tape, removing masking tape before skin formation
- Do not "overtool" the applied caulk, leaving too little caulk to perform following cure
- Allow a minimum of 2 hrs drying when painting w/ a latex paint (conditions of cooler temperatures & higher humidity will prolong drying time)
- Use a premium quality paint

Color

White

Packaging

HDPE Cartridge

Limitations

- Apply only to clean, dry substrates
- Do not apply when rain or freezing temperatures are expected
- Protect from rain or exposure to water for 72 hrs
- Not recommended for use on automobiles, mirrors or aquariums – consult label for acceptable substrates
- Cooler weather & higher humidity will slow down cure time

Environmental, Safety & Transportation Information

| <u>Criteria</u> | <u>Evaluation Method</u> | <u>Status</u> |
|--------------------------|--------------------------|--------------------------|
| CARB Compliance | Documents Review | Yes |
| Prop 65 Ingredients | Documents Review | Yes (See MSDS) |
| DOT Proper Shipping Name | Review of Regs | Not Regulated by DOT |
| DOT Hazard | Review of Regs | N/A |
| DOT UN/NA Number | Review of Regs | N/A |
| Packing Group | Review of Regs | N/A |
| VOC Content | Calculated | <1.5% by weight, <25 g/L |

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM (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.

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