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# Technical Bulletin

Revised 11/18

## Color Rite -Color Sil Color Coordinated RTV Silicone Sealant

**Packaging:** 10.3 fluid ounce cartridge (305 mL)

**Shelf life:** Smooth Finish- 8 Months, Satin Finish – 4 Months, Sanded Finish – 6 Months

### Product Description:

Color Sil is a single component, acetoxy cure silicone sealant. This Professional grade RTV silicone sealant is mildew resistant and VOC compliant. Available in 3 finishes, Color Sil is a great solution for a wide range of applications. It provides a watertight, flexible seal that won't crack, crumble or shrink. Once cured, it's temperature range is (-40°F to 400°F).

#### **Suggested Uses:**

##### ***Caulking and Sealing***

Wall Systems  
Trim, Moldings  
Counters  
Backsplashes  
Flooring  
Sinks & Plumbing Fixtures  
Kitchen/Bath Areas  
RV, Trailer, Marine  
Shower Stalls  
General Applications

#### **Adheres To:**

FRP/FRL panels  
Painted Surfaces  
Glass  
Ceramic  
Porcelain  
Most Fabric / Textiles  
Laminates  
Non-Oily woods  
Most metals\*  
Granite / Quartz  
Cultured Marble

\*Not recommended for use on brass, copper, iron, galvanized metals or other surfaces prone to attack by weak acids.

### Preparation For All Applications:

- Areas to be sealed should be thoroughly clean and dry. Remove all substances that inhibit silicone adhesion. Remove oils, soap, glue/adhesive debris, dust, loose caulk, solvent residue/residual.
- Joint width or depth should not exceed ½". If joint depth exceeds ½", use backer rod material.
- Application needs an area where silicone would be allowed to fully & properly cure, not a totally confined space.

Color of uncured and cured silicone does not vary. Sample of color should be tested prior to installation.

### **Common Limitations:**

- Joints where abuse and abrasion are expected to be encountered.
- Joints should be above grade and not exposed to prolonged water immersion.
- Building materials that may bleed oils, plasticizers or solvents, i.e. Impregnated wood, green or partially vulcanized rubber, etc.
- Substrate and joint should be acclimated to the current application to reduce shifting, separation, shrinking or expanding.
- Silicone should be applied with air temperature between 40°F & 100°F.
- Store in temperatures below 100°F in a dry place.
- Many factors beyond Color Rite's control and uniquely within user's knowledge and control can affect the use and performance of the Silicone in a particular application. The user is solely responsible for evaluating the product and determining whether it is fit for user's particular purpose and adequately maintained.

### **Application Directions:**

1. Completely prepare area for application, see guidelines above.
2. Apply tape to both sides of joint to create a straight edge. If you do not want to deal with the hassle of taping, ***COLOR RITE'S PRE-TOOLING MIST*** can be an easier alternative.
3. Cut cartridge tip just above threads.
4. Thread nozzle onto cartridge.
5. Cut nozzle to desired bead size.
6. Apply silicone sealant to desired area.
7. Tool as desired immediately after application. Tooling should be done in timely manner to avoid skin over. Silicone will skin over within approximately 5 minutes. Dries to touch in 1 hour, and cures and bonds in 24 hours. Allow 7 days for maximum cure.
8. Remove any masking tape immediately after tooling.

### **CALIFORNIA USERS - PROP 65:**

**⚠WARNING!** This product can expose you to chemicals such as Titanium Dioxide (13463-67-7) which is known to the State of California to cause cancer, and Ethylene Glycol (107-21-1) which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)



***Pre-Tooling Mist is available in 3 convenient sizes:***

- 4oz Accessory Pack
- Quart Spray Bottle
- Gallon Refill