

# Product Information

## Construction Sealants

DOW CORNING

# Dow Corning® Paintable Silicone Sealant

## FEATURES

- Cures to 100% silicone rubber
- Water cleanup
- Bonds to masonry
- Low-odor cure
- Weather resistant
- Removable, reusable, resealable nozzle

## BENEFITS

- Remains flexible; will not become brittle, crack or chalk
- Paintable with latex and oil-based within 48 hours
- Water-cleanup silicone for ease of use
- Supplied in removable, reusable, resealable nozzle that saves time and sealant

## COMPOSITION

- One-part, latex-cure, RTV silicone

Dow Corning Paintable Silicone Sealant is available from:

## High-performance, water-cleanup, paintable sealant

## APPLICATIONS

- Sealing around window frames, doors and roof penetrations
- Sealing eaves troughs, gutters and vents
- Sealing around pipes, cables and plumbing fixtures
- On tubs, sinks, showers, painted surfaces and common siding materials

## TYPICAL PROPERTIES

Specification Writers: Please contact your local Dow Corning Sales Application Engineer or Dow Corning Customer Service before writing specifications on this product.

Test	Unit	Result
Tooling Time <sup>1</sup>	minutes	10-20
Tack-Free Time <sup>1</sup>	minutes	45-60
Complete Set-Up Time, <sup>1</sup> 1/8"	hours	24
Cure System		Water-based
Application Temperature Range	°F (°C)	35 to 90 (2 to 32)
VOC Content, inclusive/exclusive <sup>2</sup>	g/L	12/16
<b>As Cured – After 7 days</b>		
Durometer Hardness Shore A	points	20-25
Tensile Strength	psi	150
Elongation	percent	900
Temperature Range (Continuous)	°F (°C)	-40 to 200 (-40 to 93)
Movement Capability	percent	±25

<sup>1</sup>At 77°F (25°C) and 50% relative humidity.

<sup>2</sup>Based on South Coast Air Quality Management District of California. Maximum VOC is listed both inclusive and exclusive of water and exempt compounds. For a VOC data sheet for a specific sealant color, please send your request to product.inquiry@dowcorning.com.

## DESCRIPTION

Dow Corning® Paintable Silicone Sealant is a high-performance, water-cleanup sealant designed for the professional contractor. Unlike conventional waterbased caulks, Dow Corning Paintable Silicone Sealant can withstand joint movement of ±25% when properly applied. It will not crack and remains flexible for years. Dow Corning Paintable Silicone Sealant is recommended for use whenever paintability is a concern (see "Painting Instructions" for details). It can be used for most common weathering applications where water cleanup and low-odor cure are desired.

## HOW TO USE

1. **Refer** to product packaging for use-by date.
2. **Temperature.** For best results, apply sealant at temperatures between 35

and 90°F (2 and 32°C) and when no rain or high humidity is expected within 24 hours of application.

3. **Prepare surface.** Cut out and remove all old caulk for repair applications.
4. **Clean, Two-Step.** First, apply solvent to a lint-free cloth and vigorously wipe bonding surfaces to remove dirt and residue. Then, use a dry wipe to remove remaining solvent and residue for optimum cleaning. Repeat if necessary. Surfaces must be clean, dry, oil- and frost-free for best results. (Recommended solvents include isopropyl alcohol, toluene, xylene, naphtha or similar solvent.) Always wear gloves and follow safety precautions and directions on solvent container. DO NOT USE gasoline or kerosene.
5. **Install.** Install back-up spacing material for better filling, especially if width exceeds 1/2" to maximize

bonding results. Open-cell polyethylene foam backer rod can be used.

6. **Mask.** Apply masking tape to areas adjacent to the joint to ensure straight bead lines and easy cleanup. Remove masking tape immediately after the bead is completed and before a skin forms.
7. **Open cartridge.** Cut snub nose above threads, reattach and cut nozzle to desired size. Insert into a caulking gun.
8. **Apply.** Extrude sealant with a smooth, steady motion, and ensure complete fill of joint cavity before proceeding.
9. **Tool.** Tool the sealant immediately after application and before a skin forms. Remove masking immediately after tooling.
10. **Replace cartridge cap.** See "Usable Life and Storage" instructions.
11. **Cleanup.** Remove uncured sealant with a water-dampened cloth.

## Painting Instructions

Most major brands of paint adhere to the surface of this sealant. Evaluate and test in an inconspicuous place before using.

*Dow Corning* Paintable Silicone Sealant may be painted with oil- or water-based paint once a firm skin has formed on the sealant (typically after 30 minutes). If painting does not occur within 48 hours, recoat the joint with a film of fresh sealant.

**Note:** Certain exterior gloss water-based paints may need priming with oil-based primer prior to painting over sealant.

Because of the high movement capability of *Dow Corning* Paintable Silicone Sealant, loss of paint adhesion to the sealant can occur if joint movement exceeds the movement capability of the paint.

## HANDLING PRECAUTIONS

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical and health hazard information. The Material Safety Data Sheet is available on the Dow Corning website at [www.dowcorning.com](http://www.dowcorning.com), or from

your Dow Corning Sales Application Engineer, or distributor, or by contacting Dow Corning at:  
Customer Service  
Dow Corning Corporation  
P.O. Box 994  
Midland, MI 48686  
U.S. ....1-800-248-2481  
Mexico .....01 800 50 315 00  
Canada .....1-800-268-5359

## USABLE LIFE AND STORAGE

Do not freeze. Store between 35 and 90°F (2 and 32°C). *Dow Corning* Paintable Silicone Sealant has a usable life of 22 months from date of manufacture. Refer to product packaging for use-by date.

To store short term, replace cap. To store long term, unscrew nozzle, screw cap in cartridge and store nozzle in cap.

## PACKAGING

*Dow Corning* Paintable Silicone Sealant is supplied in a 10.3-fl oz (305-mL) cartridge with a 3-piece reusable, removable, resealable nozzle.

### White

Container	Bar Code	Number
Cartridge	UPC	0 77472 14043 5
Shipping Box	UPC	0 77472 14044 2
Shipping Box	I2 of 5	1 00 77472 14043 2

## TO ORDER

Product/Part Number	Color	Size
4045095	White	10.3 fl oz

## LIMITATIONS

- Not for structural glazing
- Not suited for prolonged submersion in water or below-grade applications. Not for aquarium use; product contains a fungicide
- May not adhere to oily woods or some plastics
- May not cure properly in high humidity or confined spaces
- Not for use where abrasion and physical abuse are encountered
- May tarnish alloys containing brass, copper or zinc
- Joint depth should not exceed 1/2"
- Not for use on food-contact surfaces
- Sealant may take longer to cure in humid conditions
- Protect from rain during cure

- This product is neither tested nor represented as suitable for medical or pharmaceutical uses

## HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [www.dowcorning.com](http://www.dowcorning.com), or consult your local Dow Corning Sales Application Engineer.

## LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

**DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.**

**DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**