



PURE SILICONE™

100% NEUTRAL-CURE SILICONE

KEY FEATURES

- Waterproof
- Permanently flexible
- Conforms to TCNA Handbook EJ171

DESCRIPTION

Pure Silicone™ sealant is a specially formulated, neutral-cure, 100% silicone sealant for a variety of substrates such as ceramic tile, slate, wood, metal, glass, fiberglass, laminate and plastic. For use as a flexible barrier between horizontal and vertical surfaces or any other changes in plane such as expansion joints in non-traffic areas, fixtures, tub surrounds, sinks, toilets, vanities, electrical plumbing penetrations, floors, walls and ceilings. Pure Silicone™ is designed for use in interior, exterior, intermittent wet and dry installations. Pure Silicone™ has superior elongation and flexibility for use in change of plane joint applications. Pure Silicone™ sealant meets or exceeds the test requirements of:

- Meets ASTM C-920; Type S; Grade NS; Class 25; Use A, G, I, M, NT, O.
- Federal Specification TT-SS-0001543A (COM-NBS) Class A, Type NS, Class A, Use G
- Federal Specification TT-S-00230C (COM-NBS) Type II, Class A, Use G

WHERE TO USE

Interior/exterior vertical or horizontal surfaces and intermittent wet.

DIRECTIONS FOR USE

Read and understand technical and safety data sheets completely before beginning installation. Follow applicable ANSI, NTCA and TCNA installation standards. Refer to www.bostik.com/us for the most recent product information and safety data sheet prior to installation.

SURFACE PREPARATION

All surfaces must be structurally sound, clean, free of dust, dirt, oil, grease, water, curing compounds, sealers, waxes or any contaminants that may inhibit proper bond. TCNA recommends roughing or scarifying glazed tile substrates.

NOTE: It is the user's responsibility to determine the condition and suitability of all surfaces before application.



APPLICATION

Mask both sides of the joint. Remove tip-cover, cut tip on a 45° angle to desired diameter and puncture the seal inside the tube. Place in a caulking gun and apply using steady, even pressure to completely bridge joints. Smooth by dry tooling the bead and remove masking tape immediately. Wipe off any sealant on the face of the veneer with a paper towel before surface sealant skins over. Excess sealant should be removed before curing. Application temperature range is -35°F (-37°C) to 160°F (71°C).

TABLE 1: TYPICAL PHYSICAL PROPERTIES*

Property	Value	Test Method/Note
Service Temperature Range	-40°F (-54°C) to 300°F (149°C)	--
Sag or Slump	None	ASTM C-639
Tack Free Time (50% RH)	20-30 minutes	ASTM C-679
Tooling Time	15 - 20 minutes	
Joint movement	+ / - 25%	ASTM C-920
Shore A Hardness	30	ASTM C-661

* Values given above are not intended to be used in specification preparation purposes.

CLEAN UP

Clean all tools and equipment immediately with mineral spirits while sealant is uncured.

COVERAGE

Coverage will vary depending upon joint size and width. 10.1 fl.oz. covers 50 linear feet with a 1/16" bead.

PACKAGING

10.1 fl. oz. (300 mL) cartridges, 6 and 12 cartridges per case

STORAGE/SHELF LIFE

Store in a clean, dry area not affected by freezing or hot temperatures between 50°F (10°C) and 90°F (32°C). Shelf life is one year from date of manufacturing in unopened cartridge.

VOC

40 g/L (as calculated per SCAQMD 1168).

LIMITATIONS

- Service temperature range -40°F (-54°C) to 300°F (149°C).
- Do not use in areas where joints will be subject to heavy abrasion or wear.
- Product may stain porous materials. Test a small area for staining or leaching before use with porous material, such as natural stone.
- Do not use for structural glazing.
- Product should not be used in areas where material may come in contact with plasticizers or other materials that will prevent adhesion.
- Not for use in submerged areas.
- For joints with depth greater than 1/2" (12 mm), the caulking depth must be controlled by a closed-cell backer rod.
- The sealant depth should be between 3/16" (4.8 mm) and 1/2" (12.7 mm).
- Not paintable.
- Check for compatibility with natural stone products.
- Releases a small amount of acetic acid during use.
- Not for use in exterior, below grade applications.

CAUTION

IRRITANT. MAY IRRITATE EYES, SKIN OR RESPIRATORY TRACT. CONTENTS MAY BE HARMFUL IF SWALLOWED OR INHALED. CONTAINS POTENTIAL SENSITIZER. MAY CAUSE ALLERGIC SKIN OR LUNG REACTION. Methanol may form during curing. Do not breathe fumes. Do not get in eyes, on skin or on clothing. Do not swallow. Handle with care. Use only in a well ventilated area or wear a mask. Wear protective clothing including gloves. Wash thoroughly after handling. Store in a cool, dry area. Do not reuse container.

KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT

Contains Silicon Dioxide, Methyltri (ethylmethylketoxime) Silane, Methyl Ethyl Ketoxime and Titanium Dioxide inextricably bound in a polymer matrix. If in eyes or on skin, rinse well with water for at least 15 minutes. If on clothes, remove clothing. If inhaled, move person into fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

SEE SAFETY DATA SHEET

CHEMICAL EMERGENCY: 800-424-9300 (USA),
703-527-3887 (International)

MEDICAL EMERGENCY: 866-767-5089

LIMITED WARRANTY

It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase. Limited Warranty found at www.bostik.com/us or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR CREDIT OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

BOSTIK HOTLINE

Smart help
1-800-726-7845

Bostik, Inc.

11320 W. Watertown Plank Road

Wauwatosa, WI 53226

www.bostik.com/us

