



Product Name:

NCS45 SILICONIZED ACRYLIC LATEX CAULK

PRODUCT DESCRIPTION:

NCS45 SILICONIZED ACRYLIC LATEX CAULK is formulated to provide a tough, durable and pliable seal to most interior and exterior construction materials with improved adhesion and water resistance. NCS45 meets ASTM C-834, Type OP, Grade 0°C specification.

PROMINENT FEATURES:

- This product is vacuumized to remove all microscopic air and to ensure the maximum in durability and gunability
- 45 year life expectancy
- Paintable in 30 min
- Soap and water clean-up
- Cured sealant is mildew resistant
- Low VOC
- Ethylene glycol free.

Uses:

NCS45 may be used for interior and exterior applications such as filling joints, seams and cracks around windows, doors, siding, flashing, air conditioners, woodwork and counters. It provides excellent adhesion to wood, metal, concrete, brick, plaster, masonry, drywall, glass and ceramic tile.

Limitations

- Do not use for structural repairs.
- Do not use below grade or under water.
- Not recommended for food surfaces.
- Application should be made when temperature of air and surface is 50°F. (10°C.) or above for a 24 hour period.
- If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist.
- Allow new concrete to cure for 30 days before applying. After 30 days, test for alkali presence.
- Do not apply if pH is above 10.
- Do not apply if relative humidity is above 90%.
- Do not freeze.

Surface Preparation

All surfaces must be firm and free of dirt, oil, grease, efflorescence, mildew and loose material. Unsound masonry must be wire brushed or blasted for a firm surface. Dirt, loose contaminants and chalk are best removed by high pressure chemical and water blasting. Any chalk or porous coating not removed by pressure washing must first be sealed with an alkali resistant surface conditioner, such as VIP1200 Surface Conditioner. Prior to applying VIP1200, allow stucco and concrete block mortar to cure 3 days. Poured in-place precast concrete should be allowed to cure 7 days. To remove mildew, scrub with a solution of 3 heaping teaspoonful of Trisodium Phosphate (TSP), 1 quart of Hypochlorite Household bleach and 3 quarts of warm water (wear protective goggles and impervious gloves. Follow manufacturer's directions when working with cleaning solutions). Rinse thoroughly and allow to dry. Non-structural shrinkage cracks (larger than 1/16") and non-structural movement cracks larger than 1/16" up to 1/4") must be treated and repaired accordingly.

Method of Application

1. Cut nozzle at a 45° angle to desired thickness to bead. Apply with a standard caulking gun.
Use a steady pressure to completely fill joints.
2. For a neat appearance, smooth bead with a brush or cloth.
3. For best results, cured beads should be between 1/8"-1/2" wide and 1/8-1/4" deep.
Important: Use Backer Rod for cracks and seams deeper than 1/4".
4. Remove excess material before cure with a moistened cloth. Clean up tools with water.
5. May be painted over with latex or oil based paints when dry (generally within 4 to 6 hours,

depending on climatic conditions).

6. Do not apply when rain is expected. Not intended for underwater use.

Coverage:

A 1/8"x1/4" bead will yield approximately 50 linear feet of sealant per cartridge.

Packaging: 10.1 fluid oz. plastic cartridge. Packed 12 per carton.

When using, do not keep in direct sunlight for prolonged periods. KEEP OUT OF REACH OF CHILDREN.

TECHNICAL INFORMATION

Property	Value (1)	Test Method
% Solids by Weight	81.0 +/- 2%	Lab Value
% Solids by Volume	70.0 +/- 2%	Lab Value
Density	13.66 lb/gal	Calculated
Hardness A	50.5	Lab Value
Extrudability (g/sec)	10.37 g/sec	C 1183 Procedure B
Freeze/Thaw Stability	Passes 5 cycles	Lab Value
Artificial Weathering	Pass	C 732
Volume Shrinkage Type OP	17%	C 1241
Low Temp Flexibility OC	Pass	C 734
Recovery	85.9%	C 736
Adhesion Loss	0.0%	C 736
Slump	Zero	D 2202
Stain Index	Pass	D 2203
Tack Time	25 min	D 2377
VOC content	<34.0 g/L	Calculated
VOC (Carb Non Chem Curing N.A.)	<1.5 wt.%	Calculated

(1) Average value. Actual value may vary.

Typical product data values should not be used as specifications. Assistance is available by contacting Momentive Performance Materials at [1-866-275-4372](tel:1-866-275-4372).

Clean Up

Clean all equipment immediately after use with warm, soapy water.

Product Safety, Handling and Storage

Customers considering the use of this product should review the latest Material Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Material Safety Data Sheets are available at www.momentive.com or, upon request, from any Momentive Performance Materials representative. Use of other materials in conjunction with Momentive Performance Materials products may require additional precautions. Please review and follow the safety information by the manufacturer of such other materials.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Limited Warranty

Manufacturer warrants this product meets Manufacturer's specifications if properly stored and applied. If not satisfied, return proof of purchase for refund. Manufacturer shall not be liable for damages in excess of the purchase price. This is the sole and exclusive remedy/liability for product defects/failure. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS.**