

# ZIALOC

# 2200

Silicone Sealant

# Zialoc 2200 SILICONE SEALANT

Product Information  
OEM & Construction Sealants

## FEATURES

- Cures to 100% silicone rubber
- High strength, excellent adhesion
- Resistant to sunlight, rain, sleet, snow, ultraviolet radiation, ozone, and temperature extremes
- Retains design properties even after years of exposure – seals remain watertight and weatherproof
- Wide temperature range from -60°C to 177°C (-76°F to 350°F) with intermittent temperatures up to 200°C (392°F)

## BENEFITS

- Non-Corrosive on many substrates
- Bonds to many common substrates
- Mildew Resistant

## COMPOSITION

- One-part, acetoxy-cure, RTV silicone

**Professional quality sealant specifically formulated to meet glass shop glazing needs**

## APPLICATIONS

- General glazing applications
- Metal Building
- Bathroom Applications
- Repairing weather stripping and gaskets
- Sealing most glass, plastics, metals, painted surfaces, fiberglass, ceramics, and aluminum substrates

## TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Method	Test	Unit	Result
<b>As Supplied</b>			
ASTM C 679	Tack-Free Time at 25 °C (77 F), 50% RH	minutes	<=25
	Tooling Time	minutes	5-10
ASTM C 639	Flow, Sag or Slump		Nil
<b>As Cured – 7 days at 25 C (77 F) and 50% RH</b>			
ASTM D 2240	Durometer Hardness Shore A,	Points	18
ASTM D 412	Ultimate Tensile Strength	psi	170
ASTM C 794	Peel Strength	Pli	14
ASTM C 603	Extrusion Rate	g/min	250-500
	Shelf Life	Months	24



NSF/ANSI STANDARD 51  
Complies with FDA 177.2600

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## DESCRIPTION

Zialoc 2200 Silicone Sealant is an acetoxy based professional quality sealant specifically formulated for a wide variety of use. Its unique adhesion-promoted formulation ensures adhesion to many building substrates, and longer working time means a professional appearance for the finished job.

## HOW TO USE

1. **Refer** to product packaging for use-by date.
  2. **Temperature.** Apply sealant at temperatures between -20°F and 122°F (-29°C and 50°C) for best results.
  3. **Prepare** surface.
  4. **Cut** out and remove all old caulk for repair applications.
  5. **Clean, Two-Step.** First, apply solvent to a lint-free cloth and vigorously wipe bonding surfaces to remove dirt and residues. Next, 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.
  6. **Install** backup spacing material for better filling, especially if width exceeds 1/2" to maximize bonding results. Open-cell polyethylene foam backer rod can be used.
  7. **Mask** with 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.
  8. **Open** cartridge. Cut snub nose above threads, reattach and cut nozzle to desired size. Insert into a caulking gun.
  9. **Apply.** Extrude sealant with a smooth, steady motion, and ensure complete fill of joint cavity before

proceeding.

10. **Tool** the sealant immediately after application and before a skin forms. Remove masking immediately after tooling.

## CLEANUP INSTRUCTIONS

1. Cleanup should start immediately after sealant has been applied/tooled and masking tape removed.
2. While wearing solvent-resistant gloves, wipe off excess sealant from surfaces and tools with a solvent moistened cloth within 10 minutes of application.
3. If excess sealant is completely cured, carefully cut or scrape away.
4. Avoid contact of uncured sealant with skin and clothing. If contact does occur, wipe with clean rags and wash with water.

## HANDLING PRECAUTIONS

Product safety information required for safe use is not included in this document. Before handling, read product and material safety

data sheets (MSDS) and container labels for safe use, physical and health hazard information. The MSDS is available from your ZIALOC representative, or distributor, or by writing to ZIALOC Customer Service at:

TBP Converting  
Zialoc Customer Service  
400 Thoms Drive  
Suite 411  
Phoenixville, PA 19460

Or by calling:  
Toll Free 1-800-850-3338  
US 610-482-6000

Made in U.S.A.

## USABLE LIFE AND STORAGE

Store below 90°F (32°C) in a dry place. Zialoc 2200 Sealant has a usable life of 12 months from date of manufacture. Refer to product packaging for use-by date.

## PACKAGING

Zialoc 2200 Sealant is supplied in a 10.1-fl oz (300-mL) cartridge.

## LIMITATIONS

- Not for structural glazing
- Not paintable
- Not suited for prolonged submersion in water or below-

grade applications

- May not adhere to oily woods or be compatible with substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene, and polytetrafluoroethylene
- Not suitable for surfaces that might bleed oils, plasticizers or solvents, or porous surfaces such as cement like materials, stone or surfaces prone to attack by weak acids
- May not cure properly if used in spaces confined from atmospheric moisture
- May cause corrosion on some brass, copper, zinc or zinc alloy containing fixtures
- Not for use where abrasion and physical abuse are encountered
- This product is neither tested nor represented as suitable for medical or pharmaceutical uses

## HEALTH AND ENVIRONMENTAL INFORMATION

For further information, please see our website,

[www.tbpcverting.com](http://www.tbpcverting.com), or consult your local ZIALOC representative.

## 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 ZIALOC'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. ZIALOC's sole warranty is that the product will meet the ZIALOC 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.

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