

# ZIALOC

# GP SILICONE SEALANT

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Product Information  
OEM & Construction Sealants

## FEATURES

- High-quality silicone sealants and sealant polymers at competitive, market-driven prices
- Products available around the globe that are locally made, locally sold to meet formulation preferences

## BENEFITS

- Bonds to many common substrates
- Low odor, neutral cure  
Service temperature range of -80°F to 450°F (-62°C to 232°C). Material allows for intermittent temperatures up to 600°F

## COMPOSITION

- Acetoxy-cure, one-component, RTV silicone sealants
- Good adhesion to glass
- Cures to a tough, flexible silicone elastomer
- Resistant to ozone, UV radiation and temperature extremes

## APPLICATIONS

- Industrial sealing and bonding
- Formed-in-place gaskets
- Waterproofing rimless sinks
- Sealing around shower-tub enclosures, sinks, urinals and whirlpools
- General sealing and caulking application

## TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.	
Method	Result
Available Geography NA- North America, BF-Brazil	N/A
Estusion Rate (g/min)	632
Tensile Strength at Break (psi)	232
Tack-Free Time (minutes)	13
Elongation at Break (percent)	512
Durometer, Shore A	21
Peel Strength, Low-Carb/S. Steel (ppl)	-
Peel-Strength, Alum./Stn. Steel (ppl)	-
Non-Volatile Content (percent)	-
Specific Gravity	0.96

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## SILICONE SEALANT GP

### DESCRIPTION

Zialoc GP is a room-temperature-vulcanizing (RTV) silicone sealant. The condensation cure occurs at room temperature upon exposure to moisture in air.

Acetoxy-cure chemistry produces an acetic acid by-product, which smells like vinegar and is corrosive to some metals, including brass and copper. Oxime-cure chemistry produces a nonacidic by-product.

Suitable for use across a broad range of applications

### 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** 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.
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** 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 material safety data sheet 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.

### Meets or Exceeds

AAMA 802.3-10 TYPE I  
AAMA 803.3-10 TYPE I  
AAMA 805.2-10 Group C  
AAMA 802.3-10 Type II

### USABLE LIFE AND STORAGE

Store below 90°F (32°C) in a dry place. Zialoc GP shelf life is indicated by the "Use By" date found on the product label.

### USA Information

**Caution:** MAY CAUSE ALLERGIC SKIN REACTION. MAY

BE HARMFUL IF ABSORBED THROUGH THE SKIN. MAY CAUSE DROWSINESS. OVER EXPOSURE CAN CAUSE BLOOD, LUNG, AND LIVER DAMAGE.

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Avoid breathing vapor. Keep container closed. Use with adequate ventilation.

**FIRST AID:** In case of EYE CONTACT, immediately flush eyes with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur. IN CASE OF SKIN CONTACT, immediately flush/wash skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists. IF INHALED, move to fresh air. If effects persists, get medical attention.

Physical and health hazard information is readily available from Zialoc and the Material Safety Data Sheet. For additional information see the Material Safety Data Sheet (MSDS).

THE PRODUCT SHOULD BE KEPT OUT OF REACH FROM

CHILDREN.

**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.

ZIALOC

SILICONE SEALANT  
GP

**NEALLOC**

**GP**  
SILICONE SEALANT

**Made in U.S.A.**

**TBP CONVERTING**

400 Thoms Drive, Suite 411  
Phoenixville, PA 19460  
Tel: 800-850-3338  
www.tbpconverting.com

**TBP CONVERTING OR ANY OF THEIR ASSOCIATED COMPANIES MAKE NO WARRANTIES OF ANY KIND AS TO THIS PRODUCT, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

**If you allege this product is defective, your exclusive remedy shall be, at TBP CONVERTING or any of their associated companies' option, to replace or repair the product or refund the purchase price of the product.**

**All production selection should be made after appropriate engineering consultation and review of technical specifications.**

**See: Manufacturer's technical specification sheet for applicable warranty information and disclaimers.**

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