



- ALLPRO®
Corporation
Brandon, FL
33511

AP13095
July 2012

Description

A P Silicone™ is an all-purpose 100% Silicone Rubber Sealant one-component, acid-curing, for general purpose sealing in do-it-yourself applications. **A P Silicone™** cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber. **A P Silicone™** exhibits excellent primer less adhesion to most materials and can be used for sanitary application. Commonly used on glass, tiles, ceramics, enamel, glazed tiles, varnished or painted wood and some plastics. It forms a flexible, durable airtight, water resistant seal offering exceptional protection. Once cured the bead is mildew resistant. **A P Silicone™** is safe for UV exposure and will not discolor.

Prominent Features

Ready to use: No mixing; reduces labor costs

Joint movement capability: $\pm 25\%$ Flexibility provides long lasting water tight joints

Easy to gun and tool: Non-sag application

Available in white and clear; Blends with most materials and substrates

Primer less application: Adheres to glass, tile, plastics and painted surfaces

Weather resistant: Produces long-lasting weather-tight seals

Wide temperature-application range: Suitable for all climates

Mildew protection: Cured bead resists mildew growth

Meets the requirements for incidental food contact: Can be used for kitchen and sanitary applications

Testing & Approvals

- ASTM C-920 Type S, Grade NS, Class 25, Use NT, G, A and M with primer
- TT-S-00230C, Type II, Class A
- TT-S-001534A, Type; Non-Sag, Class A
- Meets the requirements for FDA Regulation No. 21 CFR 177.2600.2 Incidental Food Contact

Uses

Caulks and Seals:

- Siding; Wood, Vinyl, Aluminum
- Trim
- Stucco
- Panel Walls
- Plumbing, Counter, Vanity
- Window & Door Installation
- Fascia Vinyl Siding

Limitations

Not intended for under water use. Keep from freezing.

Surface Preparation

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material, dust, dirt, rust, oil, and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a dry cloth. Protect areas not to be sealed or when using sealant to form weather-stripping by placing wax paper over sealant to prevent sticking until it has cured. When cured and washed, the product meets the requirements of FDA Regulation No. 21 CFR 177.2600.2.

Application

Only apply when sealant surface and air temperature are above 20°F and rising. Do not apply on surfaces above 120°F or when rain is expected. Cut nozzle at 45° angle. Cured bead should be between 1/8" and 1/12" wide. Puncture inner foil seal. Smooth bead with finishing tool if necessary. Clean up excess uncured sealant from surface and tools with mineral spirits. Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces. Reseal for reuse. Excess cured sealant must be cut or scraped away.

Clean-Up

Immediately after use, clean equipment with mineral spirits and soap and water. Remove cured sealant by cutting with a sharp-edged tool. Remove thin films by abrading.

Disposal

Contains organic solvents which may cause adverse effects to the environment if disposed of improperly. Contact your local sanitation department or household hazardous waste coordinator for information concerning possible reuse or disposal of unused solvent-containing adhesives and/or sealants. All material must be disposed in accordance with Federal, State, and Local Regulations.

Limited Warranty

If, when applied as directed, this material peels, cracks or separates within 60 years after application, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for particular purpose.

Caution

Do not take internally.

WARNING! CAN CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. This material releases acetic acid upon moisture curing. Upon completion of the curing process, acetic acid will no longer be released. Acetic acid is moderately toxic by ingestion and inhalation. Dilute acetic acid is however, approved for food use. Acetic acid is a severe skin, eye and mucous membrane irritant. Skin sensitization is rare but has been reported. Chronic exposure can cause bronchitis and pharyngeal edema. Acetic acid may cause burns upon prolonged or repeated contact.

NOTICE: This product contains solvents. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. For emergency information call ChemTrec at 800-424-9300. For additional safety information, refer to the Material Safety Data Sheet for this product. Obtain professional advice before using. Close container after each use.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Material Safety Data Sheets (MSDS) available upon request. Similar information for solvents and other chemicals used with ALLPRO products should be obtained from your supplier(s). When solvents are used, proper safety precautions must be observed.

FIRST AID: In case of skin contact, wash off quickly with plenty of soap and water, remove contaminated clothing. For eye contact flush eyes immediately with large quantities of water, for at least 15 minutes. Obtain emergency medical treatment immediately. If swallowed, obtain medical treatment immediately. **DO NOT INDUCE VOMITING.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help.

Manufactured For:
ALLPRO® Corporation
Brandon, FL 33511

Note: The information, ratings and opinions stated above pertain to the material currently offered and represent the results of tests and calculations believed to be reliable.

Technical Information

Packaging: Standard packaging - 10.1 fluid ounce Plastic cartridges.

Colors: White & Clear

Data below for White: AP13095

Physical & Chemical Characteristics:

Vehicle: Polydimethylsiloxane, Acetoxysilane cross-linker

Pigment: White - Calcium Carbonate / Clear – None

VOC Content: Chemically Curing Compound <3%

Service Temp: -40°F to 400°F

Application Range: 20°F and rising.

Max Temp Application: Air temp 100°F and substrate less than 120°F

Dynamic Joint Movement: +/- 25%

Flash Point: Not Applicable

Consistency: 45 G/S @ 75°F (SEMCO Gun at 50psi)

Applications: Interior / Exterior

Life Expectancy: 60 Year Warranted Performance

Shelf Life: 12 months when stored at 50°F to 80°F

Coverage: 10.1 fl oz = 53 linear ft. at a 3/16" bead

Odor: Pungent Vinegar Odor

Tooling Time: 15 Minutes

Tack Free Time: 60 Minutes

Clean Up: Mineral Spirits

Analysis:

Polydimethyl Siloxane Diol 70131-67-8

Polydimethyl Siloxane 63148-62-9

Silica 112945-52-5

DiMethyl Cyclosiloxane 69430-24-6

Triacetoxo Ethylsilane 17689-77-9

Titanium Dioxide 13463-67-7

Acetic Acid 64-19-7

Contents Partially Unknown

