

INNERBOND GP14 GENERAL PURPOSE RTV SILICONE SEALANT

Innerbond GP14 General Purpose Sealant is an economy grade, multi-purpose, 100% RTV silicone that is formulated for a variety of indoor and outdoor applications. This paste-like, one-component, acetoxy-cure material can be readily applied overhead or on verticals without sagging, slumping or running off. It becomes tack-free within 10 to 20 minutes and cures to form a durable, flexible and watertight bond. It typically adheres to clean metal, glass, most types of non-oily woods, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber and many painted and plastic surfaces. Innerbond GP14 is excellent for home, automotive, marine and industrial applications.

Outstanding features of Innerbond GP14 General Purpose Sealant include:

- Ready-to-use; easily applied and tooled
- Excellent choice for a variety of economical exterior and interior applications
- Excellent resistance to weathering, vibration, moisture, ozone and U.V. radiation
- Can be applied in sub-zero weather without loss of extrusion or physical property characteristics
- Excellent adhesion to many substrates

USES

Typical applications for Innerbond GP14 General Purpose Sealant include:

- Fabricating and installing windows, skylights and doors
- Sealing & weatherproofing flashing, siding, gutter/drain systems and perimeter joints
- Caulking baths, showers and sinks
- Bonding and sealing appliance parts, nameplates/signs and screwless brackets
- Sealing truck cabs and trailers

TYPICAL PROPERTIES

COLORS	Aluminum, Black, Bronze, Clear, Red, and White		
SPECIFIC GRAVITY (at 77°F)	1.03	TOOLING TIME (77°F, 50% RH)	5 - 10 minutes
TACK FREE TIME (77°F, 50% RH)	10 - 20 minutes	CURE TIME (1/8" thickness, 77°F at 50% RH)	24 hours
HARDNESS, SHORE A, POINTS	27	TENSILE STRENGTH	350 PSI
ELONGATION	600%	SERVICE TEMPERATURE	-80° to +450°F

LIMITATIONS

Innerbond GP14 General Purpose Sealant will corrode or not adhere to copper, brass (and other copper-containing alloys), magnesium, zinc and galvanized metals (and other zinc-containing alloys). This sealant is not recommended for use on brick masonry and cementitious substrates. Best adhesion and compatibility are not achieved with substrates made of methylmethacrylate (PLEXIGLASS®), polycarbonate, polypropylene, polyethylene and polytetrafluoroethylene (TEFLON®). This sealant is not recommended for below-grade applications, complete water immersion situations or for joints with extreme movement. It is further not intended for structural glazing. Do not use in areas where abrasion and physical abuse are encountered.

In applications requiring UL or NSF 51 listing, USDA/FDA approval, or compliance with Federal Military Specifications, either Innerbond 1410 Adhesive Sealant or Innerbond C-990 Construction & Glazing Sealant is recommended.

HOW TO USE

Innerbond GP14 General Purpose Sealant adheres to many clean surfaces without the use of primers. These surfaces include glass, ceramic, many metals, some rigid plastics and silicone rubber. Innerbond GP14 General Purpose Sealant will also produce a fair bond to some flexible plastics (which do not contain plasticizers) and to organic rubber. For any application an evaluation should be made to determine bond strength.

To prepare surfaces for maximum adhesion, first clean all joints and glazing pockets, removing all foreign matter and contaminants such as grease, oil, dust, water, frost, surface dirt, old sealants or glazing compounds, and protective coatings.

Metal, glass and plastic surfaces should be cleaned by mechanical or solvent procedures. Detergent or soap and water treatment are not acceptable.

Clean surfaces with suitable solvents such as MEK (methyl ethyl ketone), naphtha, or 1,1,1-trichloroethane to remove all grease, dirt and oil. All solvents must be wiped from surfaces before the sealant is applied. For best results apply at a temperature no lower than 50°F. The sealant should be tooled immediately after application and before a skin forms, using light pressure to spread it against the substrate. Uncured sealant may be cleaned from non-porous surfaces and tools using a solvent such as xylene. On porous surfaces, allow the sealant to cure and remove by abrasion.

CAUTION

Uncured Innerbond GP14 General Purpose Sealant will irritate the eyes. In case of contact with eyes, flush with water for 15 minutes and consult a physician. The uncured sealant may also irritate the skin. Prompt removal by wiping with a dry cloth or paper towel, followed by washing the skin with soap and water is recommended.

Innerbond GP14 General Purpose Sealant releases acetic acid vapors during the curing period. Effective ventilation must be maintained during application and curing to limit the concentration of acetic acid vapor (which is irritating to the eyes and breathing passages). Wearing of contact lenses during use should be avoided because vapor may be trapped behind the lenses. Use only in well-ventilated work areas.

A product Material Safety Data Sheet is available upon request. A copy is provided with every shipment.

STORAGE AND SHELF LIFE

When stored in the original, unopened container at temperatures less than 90°F, Innerbond GP14 General Purpose Sealant offers a shelf life of one year. After the container has been opened, a plug of cured material may form in the nozzle or tube tip during storage. This is easily removed and does not affect the remaining contents.

NOTE

The information and data contained herein are believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since Inland, Inc. cannot know all of the uses to which its products may be put or the conditions of use, it makes no warranties concerning the fitness or suitability of its products for a particular use or purpose.

Thorough testing of our product on any proposed use should be conducted prior to each application. It is the responsibility of the consumer to evaluate the performance of our product in each given application. Likewise, if the manner in which our products are used requires governmental approval or clearance, it is the user's responsibility to obtain it.

Inland, Inc. warrants only that each product will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other expressed or implied warranties. The user's exclusive remedy and Inland, Inc.'s sole liability is limited to replacement of any product shown to be otherwise than as warranted. Inland, Inc. will not be liable for incidental or consequential damages of any kind.

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