

INNERBOND C915 ADHESIVE SILICONE SEALANT

C915 Adhesive Sealant is a one-component, ready-to-use, RTV silicone material that cures to a tough, rubbery solid when exposed to atmospheric moisture. An excellent choice for general sealing and weatherproofing applications where a specification sealant is not required.

C915 Adhesive Silicone Sealant offers the following advantages:

- Thixotropic, paste consistency - products will flow only with external pressure. Can be applied to vertical, horizontal and overhead surfaces without sagging, slumping or run-off.
- Excellent adhesion properties - will bond to many surfaces without the use of primers.
- Provides excellent resistance to weathering, vibration, moisture, ozone and UV radiation.
- Resistant to high temperatures – will retain electrical and physical properties for long periods at temperatures up to 450°F and for shorter periods up to 500°F.
- Low temperature flexibility-properties retained at temperatures down to -80°F.

USES

Innerbond C915 Adhesive Sealant is exceptionally versatile and may be used for the following applications:

- Perimeter caulking and sealing of windows, skylights and doors.
- Sealing & weatherproofing flashing, siding, gutters/drain systems, and perimeter joints.
- Caulking baths, showers and sinks
- Bonding gaskets in heating and refrigeration units
- Bonding and sealing appliance parts, nameplates/signs and screwless brackets
- Formed-in-place gaskets for pumps, compressors and gear boxes

TYPICAL PROPERTIES

CONSISTENCY	Spreadable paste
TOOLING TIME (77°F, 50% RH)	5 - 10 minutes
TACK FREE TIME (77°F, 50% RH)	20 - 30 minutes
CURE TIME	24 – 36 hours
(1/8" thickness, 77°F at 50% RH)	
HARDNESS, SHORE A, POINTS	33
PEEL STRENGTH, PDI	Glass - 49
	Aluminum – 44

LIMITATIONS

Innerbond C915 Adhesive 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 (PLEXIGLAS®), polycarbonate, polypropylene, polyethylene and polytetrafluoroethylene (TEFLON®). This sealant is not recommended for below-grade applications or for joints with extreme movement, and is not intended for structural glazing. Do not use in areas where abrasion and physical abuse are encountered.

HOW TO USE

Innerbond C915 Adhesive 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 C915 Adhesive Sealant will also produce a fair bond to some flexible plastics which do not contain plasticizers or migrate to one surface and to organic rubber. For any of the applications above, an evaluation should be made to determine bond strength.

To prepare surfaces for maximum adhesion, first clean 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 C915 Adhesive 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 C915 Adhesive 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. OSHA regulations have established a Threshold Limit Value (TLV) for acetic acid at 10 ppm. Use only in well-ventilated work areas.

STORAGE AND SHELF LIFE

When stored in the original, unopened container at temperatures less than 90°F, Innerbond C915 Adhesive Sealant offers a shelf life of 1 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.

PACKAGING

Innerbond C915 Adhesive Sealant is available in a 10.1 ounce cartridge. Cartridges are packed 12/case.

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.

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