

# Inland, Inc.

P.O. Box 644 (42702)  
 209 Peterson Drive  
 Elizabethtown, KY 42701

KY Phone: 270-737-6757  
 Outside KY: 800-626-4403  
 Fax: 270-737-6241

Website: [www.Inland-Inc.com](http://www.Inland-Inc.com)  
 Email: [inland@inland-inc.com](mailto:inland@inland-inc.com)

## INNERBOND B910/C911 GENERAL PURPOSE RTV SILICONE SEALANT 100% RTV SILICONE

B910/C911 General Purpose Sealant is a one-component, ready-to-use, 100 % RTV silicone material that cures to a tough, rubbery solid when exposed to atmospheric moisture.

B910/C911 General Purpose 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 too 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 356°F and for shorter periods up to 400°F.
- Low temperature flexibility - properties retained at temperatures down to -80°F.
- Electrical insulation properties - can be used for electrical insulation.

### USES

Innerbond B910/C911 General Purpose Sealant is exceptionally versatile and may be used for the following applications:

- Manufacturing and installing windows, skylights and doors
- Sealing & weatherproofing flashing, siding, gutter/drain system, and perimeter joints
- Sealing marine cabins, ports, hatches and deck fittings
- Caulking baths, showers and sinks
- Electrical insulation and sealing
- 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

<b>CONSISTENCY</b>	Spreadable paste	<b>SPECIFIC GRAVITY (at 77°F)</b>	1.03
<b>TOOLING TIME (77°F, 50% RH)</b>	5 - 10 minutes	<b>TACK FREE TIME (77°F, 50% RH)</b>	10 - 20 minutes
<b>CURE TIME (1/8" thickness, 77°F at 50% RH)</b>	24 hours	<b>HARDNESS, SHORE A, POINTS</b>	27
<b>TENSILE STRENGTH</b>	350 PSI	<b>ELONGATION</b>	600%

## **LIMITATIONS**

Innerbond B910/C911 General Purpose Sealant will corrode and/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 further not intended for structural glazing. Do not use in areas where abrasion and physical abuse are encountered.

## **HOW TO USE**

Innerbond B910/C911 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 B910/C911 General Purpose 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 B910/C911 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 B910/C911 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. 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 B910/C911 General Purpose 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 B910/C911 General Purpose Sealant is available in 10.1 ounce cartridges. Cartridges are packed 12/case. For use with bulk extrusion systems, the sealant is also available in 5 gallon pails and 55 gallon drums.

## **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.

Suggestions of uses should not be taken as inducements to infringe any patents.