

## 1. Manufacturer

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## 2. Product Overview

### General Description

- A blend of synthetic rubbers in nonflammable solvents that delivers rapid, high-strength bonds
- High solids and does NOT contain methylene chloride, nPB, or flammable propellants
- Contains the same rubbers and resins as WA 740/741
- Dry to the touch when ready to bond
- DOT “Green Diamond” shipping designation
- Self-contained spray for flatwork applications
- Can be supplied with spray gun and hose to divert fast high strength bonds and heat resistance to over 200°F
- Professional use only

### Availability

9 lb. canister & 30 lb. disposable/recyclable canisters, 140 lb. & 300 lb. returnable canisters

## 3. Technical Data

### Physical Properties

<b>Color</b>	Green (742) / Clear (743)
<b>Density</b>	9.99 lbs./gallon
<b>VOC/liter of material</b>	821 g/L (calculated)
<b>VOC</b> (less water & exempt solvents)	907 g/L (calculated)
<b>VHAP Content</b>	0.00 g/L (1.52 lbs/gal)
<b>Flashpoint</b>	Nonflammable
<b>Coverage</b>	20-25 bonded sq.ft./lb.@ 2.5 dry grams/sq.ft
<b>Open Time</b>	~30 min.
<b>Dry Time</b>	2 – 5 min.

Qualifies for LEED®-NC & CI EQ Credit 4.4: Laminating adhesives shall contain no added urea-formaldehyde resins.

### Primary Contents

U.S. Patent Pending solvent formulation – trans-1,2-Dichloroethylene (CAS 156-60-5), (E)-1-Chloro-3,3,3-trifluoroprop-1-ene (CAS 102687-65-0)

#### 4. General Use Instructions

Apply a minimum of **2.5 dry grams/sq. ft.** to each surface (lamine and substrate).

##### **Recommended Tools and Equipment**

- Hoses available: 6' , 12', 18' and 24'
- Standard spray gun: PSG-121
- Recommended use of 80015EVS spray tip

##### **DO NOT USE THIS PRODUCT IF YOU HAVE NOT READ, OR DO NOT UNDERSTAND THE WARNINGS, SAFETY MEASURES, AND FIRST AID INSTRUCTIONS PRINTED ON THE CONTAINER OR LABEL.**

- Before assembly, rotate gun thumbwheel closed so that trigger cannot be pulled. Securely attach gun to hose, then hose to canister. Fully open canister valve. **DO NOT CLOSE UNTIL THE CANISTER IS EMPTY.**
- Assemble all parts at or above 65°F. Allow all substrates to acclimate to room temperature for 48 hours before bonding. Ensure all surfaces are clean and dry.
- Spray with gun tip 6 - 10 inches from surface. Keep gun perpendicular (90°) to surface. Apply the adhesive evenly. Cover 80% - 100% of each surface (lamine and substrate) and 100% of edges with a minimum coverage rate of 2.5 dry grams/ft<sup>2</sup>.
- Allow approximately 2 – 5 minutes to dry after application and before bonding. When ready to bond, each surface will be slightly tacky but adhesive should not transfer or “leg” to a firmly pressed fingertip. If parts do not stick immediately, they have exceeded the open time. Over-dry parts can be reactivated by applying a light coat of fresh adhesive on both parts.
- Apply uniform downward pressure (30 – 40 psi minimum) over entire bonded surface. Mechanical pressure (pinch rolling) is recommended, but a 3” wide rubber J-roller is acceptable. Use of a wooden block or other hand rollers is not recommended.
- Immediate trimming and finishing is possible.

##### **Clean-up/Disposal**

- Clean gun tip by dabbing with masking tape.
- Clean equipment with WA 130 solvent or alternative Wilsonart Solvent product.
- Use Wilsonart® 131 to clean adhesive overspray.
- When application is completed, leave gun and hose attached to canister, but rotate gun thumbwheel closed to prevent accidental gun discharge or adhesive drying in hose.
- When changing canisters, quickly disconnect and reconnect the gun/ hose assembly to prevent adhesive from drying and clogging system.
- Do not allow in any sewers, on the ground, or into any body of water.
- Contact local authorities for further guidance.

##### **Applications to Avoid**

- Application to copper or copper alloys, and use of copper-containing application systems or components
- Surfaces with dirt, grease or excessive moisture
- Vinyl surfaces containing plasticizers which may attack the bond (conduct pre-testing if in doubt)
- Postforming requirements

### **Storage/Shelf Life**

- Keep container valve OPEN when not in use
- Keep spray gun thumbwheel CLOSED when not in use.
- Check for leaks periodically; leaks will affect the performance of the canister
- Canister may not spray when cold and must be warmed to room temperature.
- Rotate stock.
- Shelf life expires 1 year from manufacture date.

### **Precautionary Information**

Refer to product label and Safety Data Sheet for health and safety information before using this product.

Nonflammable, liquefied gas under pressure - Do not make any modifications to the canister including cutting, puncturing, drilling, or grinding on this container.

### **Shipping Information**

- Ship Domestic Ground
- UN3500, Chemical Under Pressure, N.O.S., (trans-1,2-Dichloroethylene and (E)-1-Chloro-3,3,3-trifluoroprop-1-ene), 2.2

## **5. Warranty**

### **No Warranty**

WILSONART MAKES NO WARRANTIES, EXPRESS OR IMPLIED. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. The person using the product (the "User") is solely responsible for determining whether the Wilsonart product is appropriate and/or suitable for User's purpose and method of application.

### **Limitation and Exclusion of Remedies and Damages**

The exclusive and sole remedy, and Wilsonart's exclusive and sole obligation, for any defect of this Wilsonart product is the refund of the purchase price of the product. Wilsonart shall not, under any circumstances or under any legal theory, be liable to the Purchaser or any other person for special, incidental or consequential damages of any nature, including without limitation damages to, or loss of use of, property, damages for loss of profits or revenues or any other damages arising from the purchase or use of the product. Wilsonart's liability will in no event exceed the purchase price of the product.

## **6. Technical Services**

Customer Service: 1-800-433-3222 or [Adhesives@Wilsonart.com](mailto:Adhesives@Wilsonart.com). Visit [Wilsonart Adhesives](#) online for more information.

### **Specification Form:**

Adhesives shall be Wilsonart® NF742/743 Nonflammable Fast-Drying Contact Adhesive, produced by Wilsonart LLC, Temple, Texas 76503-6110

Wilsonart® NF742/743 Nonflammable Fast-Drying Contact Adhesive

Technical Data

Revised: December 5, 2017

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