

1. Manufacturer

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2. Product Overview

General Description

- Spray applied, nonflammable solvent-based contact adhesive designed for flatwork (non-postforming) high-speed applications
- Low VOC, OTC (Ozone Transport Commission) compliant, proprietary, patent-pending nonflammable formulation that does NOT contain methylene chloride or n-Propyl Bromide (nPB)
- High solids content that delivers rapid, high-strength bonds
- Does not require stirring prior to use
- Professional use only

Availability

5 gallon pail and 55 gallon drum

3. Technical Data

Physical Properties

Color	Green (NF942) Natural (NF943)
Viscosity	600 cP (typical)
Density	8.516 lbs./gallon
Solids Content	33% ±1.0%
VOC ¹ (less water & exempt solvent)	249 g/Liter (Calculated)
VOC/liter of material ¹	104 g/Liter (Calculated)
VHAP Content	0.0000 lbs./lbs. solid
Coverage (Spray)	247 bonded sq.ft./gal.@ 2.5 dry grams/sq.ft.
Flashpoint	>60 °C/140 °F(closed cup)
Open Time	30 min.
Dry Time	3 – 7 min.

¹TBAC IS RECOGNIZED IN 40 C.F.R.51.100(s) AND BY THE EPA AS A VOC EXEMPT COMPOUND. CALIFORNIA HAS NOT FORMALLY RECOGNIZED THIS EXEMPTION. CONTACT YOUR LOCAL REGULATORY AGENCY TO PROVIDE CLARIFICATION ON THE EXEMPTION STATUS.

Primary Contents

Refer to the Safety Data Sheet for primary content information before using this product.

4. General Use Instructions

Coverage Instructions

Apply a minimum of **2.5 dry grams/sq. ft.** on both surfaces

Recommended Tools and Equipment:

System/Gun/Fluid Tip/Air Cap

- System – CA Technologies Pressure Pot
- CA Technologies Hand Gun - Panther
- Fluid Tip / Air Cap - 1.5 X 21-2266-3T

General Fluid Pressure	Atomizing Air Pressure (with Trigger Pull)	Air Source	Fluid Line
10 - 30 psi	50 - 75 psi	Continuous 100 psi at 20 cfm	Minimum 3/8" ID*

***This line diameter is critical due to thickness of product**

Application outside the parameters stated above can result in delamination. For additional recommended systems, guns, tools, and equipment manufacturers, please contact your local Wilsonart Adhesive Technical Representative.

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.

- For best results, do not apply the adhesive at temperatures below 65-degrees Fahrenheit.
- Ensure spray system oil and water traps are functioning, and are a minimum of 25-feet in distance from the compressor.
- Allow substrates to acclimate to room temperature for 48 hours before bonding.
- Assemble glued parts at or above 65 °F, and ensure each surface is clean and dry.
- Apply adhesive uniformly to both surfaces in a smooth, pebbled pattern, and cover each surface a minimum of 80%. Cover edges 100%. Some porous surfaces may require 2 coats.
- Allow approximately 3 to 5 minutes to dry after application and before bonding. When ready to bond, surface will be tacky, but should not transfer or “leg” to a firmly pressed fingertip. If parts do not stick immediately, they are over-dry and can be reactivated by applying a light coat of fresh adhesive on both parts. Open time should not exceed 30 minutes.
- Apply uniform downward pressure (30-40 psi minimum) over the entire bonded surface by mechanical pinch roller (recommended,) or by using a 3” wide rubber J-Roller. Use of a wooden block or other hand rollers is not recommended.
- Immediate trimming, routing, or finishing is possible.
- DO NOT THIN THIS PRODUCT.

Usage Tips and Troubleshooting

- Moisture from condensation must be dry prior to bonding.
- A dull appearance is a symptom of under-applying adhesive.
- A shiny appearance or a failed bond is a symptom of inadequate assembly pressure and/or exceeding the open time.

Clean-Up and Disposal

- Clean spray equipment with
 - Wilsonart® WA-110 Adhesive Solvent
 - Wilsonart® WA-130 Low VOC Adhesive Solvent
- Clean finished assembly with
 - Wilsonart® WA-131 Low VOC Adhesive Cleaner
 - Wilsonart® Citrus Adhesive Cleaner
- Dispose of waste in accordance with regulations; refer to Safety Data Sheet for disposal recommendations and methods

Applications to Avoid

- Copper or copper alloy substrates
- Use of copper-containing application systems or components
- Surfaces with dirt, grease, or excessive moisture
- Do not apply Wilsonart® NF942/943 Nonflammable Spray Grade Contact Adhesive to melamine, low pressure thermally fused laminate (TFL), polyester, metal or painted surfaces. Application on these substrates listed above can result in delamination.
- Vinyl surfaces containing plasticizers that may attack the bond (conduct pre-testing if in doubt).

Storage/Shelf Life

- Rotate stock and close container when not in use.
- Store off of the floor in a cool, well-ventilated area and away from exterior walls.
- Shelf life expires 1 year from manufacture date.

Shipping Information

In accordance with DOT - Not Regulated for transport

Precautionary Information

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

5. Warranty

WILSONART® NF942 AND NF943 NONFLAMMABLE SPRAY GRADE CONTACT ADHESIVES ARE SOLD “AS IS” AND WILSONART MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND EXPRESSLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The person using the product (the “User”) is solely responsible for determining whether Wilsonart® NF942/943 Nonflammable Spray Grade Contact Adhesives are 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 claimed defect of this Wilsonart product is the refund of the purchase price of the product. Wilsonart will not pay for removal of the Wilsonart product or for fabrication or installation of the replacement products or any other costs.

Wilsonart’s exclusive and sole obligation shall not apply to damage arising from any of the following:

1. Accidents, abuse or misuse;
2. Exposure to extreme temperature;
3. Improper fabrication or installation; or
4. Improper maintenance or repair.

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.

THE FOREGOING SHALL CONSTITUTE THE EXCLUSIVE REMEDY OF THE PURCHASER AND THE EXCLUSIVE LIABILITY OF WILSONART.

For further assistance or questions, contact Wilsonart at the address or telephone number listed below or at www.wilsonart.com.

Wilsonart Warranty Center
2501 Wilsonart Drive
Temple, Texas 76504
Toll Free (877) 537-0533

6. Technical Services

Customer Service: 1-800-433-3222 or Adhesives@Wilsonart.com. Visit Wilsonart Adhesives online for more information.

Specification Form:

Adhesive shall be Wilsonart® NF942 or NF943, produced by Wilsonart LLC, Temple, Texas 76503-6110

Wilsonart® NF942/NF943 Nonflammable Spray Grade Contact Adhesive
Technical Data
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