



# WATER RESISTANT PVA ASSEMBLY & COLD PRESS



### General Description

- An emulsion of water and polyvinyl acetate designed for joint assembly, fire doors and hot/cold press laminating applications
- Carries ASTM D4317 Type II classification
- Carries EN204 type D3 European classification
- Carries Warnock-Hersey registration for GP and Marshfield for doors up to 90 minute (Consult your Wilsonart rep for further details)
- Demonstrates good RF green strength & excellent sandability
- Conforms to ASTM D-4236
- Professional use only
- Ideal for miters and bonding custom edges
- Non-toxic and easy clean-up
- Does NOT require stirring before use

### Applications to Avoid

- Tempered hardboard products
- Generic fire retardant treated board products (w/o consultation of Wilsonart rep).
- Low pressure melamine, metallic, painted, polyester surfaces and waterproof (Type I) demands.

### Availability

5-gallon pails, 55-gallon drums and 270-gallon totes (returnable)

### Storage/Shelf Life

- DO NOT ALLOW PRODUCT TO FREEZE.
- Close container tightly when not in use and store off the floor in a well ventilated area.
- Rotate stock.
- Shelf life expires 1 year from manufacture date.
- Agitation may be required if product thickens.

### General Use Instructions

- Ensure surfaces are clean and dry and all substrates are acclimated together at or above 65°F. Bond at 70°F or warmer.

### Joint Assembly

Use a generous amount of adhesive. Clamp for 45 minutes. Allow a minimum of one hour before machining.

### Certificates/Listings

Wilsonart Type II is approved for use in the assembly of up to 90 minute fire doors using the proprietary care material specifications of the following companies: MARSHFIELD DOOR SYSTEMS, INC. and GEORGIA-PACIFIC. Wilsonart Type II is listed by Underwriters Laboratories as an approved component in a Class 1/A fire rated assembly (UL Files R5434 and R6838). For further questions, consult your Wilsonart representative.

### Hot or Cold Press High Pressure Decorative Laminating

- Ensure laminate and substrate have acclimated to the same temperature before bonding.
- Use correct roller groove configuration (Black Bros. A2158) with minimum of 16 grooves/inch and no cross groove. Dual durometer rollers enhance coverage on uneven substrates.
- Apply 6-8 wet mils evenly across substrate.
- Open time is 5 minutes, and closed time is 20 minutes.
- Allow at least a 30 minute cold press time at 70°F, 45% RH and 40-50 psi. Allow 1-2 hour press time for less than ideal conditions.
- Full cure develops in 24 hours.
- Delay machining for 12 hours after bonding.
- Hot press at 180°F-200°F for 60-90 seconds. Machining is possible after cool to touch.

### Physical Properties

Color:	White
Viscosity:	4900 cps (typical)
Density:	9.1 pounds/gallon
Solids Content:	49.0% ± 1.0%
pH:	2.85 (typical)
VOC Content:	<20 g/L
VHAP Content:	<0.032 lbs./lbs. solids
Coverage (Bonded):	~229 sq. ft./gallon at 7 wet mils
Chalking Temperature:	60°F
Use Temperature:	70°F-85°F
Open Time:	5 minutes
Closed Time:	20 minutes
Cold Press Time:	30-60 minutes @40-50psi

\*GREENGUARD® Certified

\*Complies with SCAQMD, Rule 1168

\*Complies with the Ozone Transport Commission (OTC)

\*Qualifies for LEED®-NC & CI EQ Credit 3.2:  
*Construction Indoor Air Quality Management Plan-Before Occupancy*

\*Qualifies for LEED®-NC & CI EQ Credit 4.1:  
*Low Emitting Materials: Adhesives & Sealants*

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

### GREENGUARD® Indoor Air Quality Standards

GREENGUARD Indoor Air Quality Certified Products meet the following minimum emission requirements:

Category: Adhesives/Sealants

Emission Types	Measure	Emission Types	Measure
Individual VOCs	<0.1 TLV	Styrene	<0.07 mg/m <sup>3</sup>
Formaldehyde	<0.05 ppm (<0.06 mg/m <sup>3</sup> )	Total VOCs	<0.05 mg/m <sup>3</sup>
4-phenylcyclohexane	<0.0065 mg/m <sup>3</sup>	Total aldehydes	<0.1 ppm

### Primary Contents

NJTSRN #990010

### 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

More information on page 2

 Wilsonart®



# WATER RESISTANT PVA

## ASSEMBLY & COLD PRESS



**Clean-up/Disposal**

Clean with hot tap water while glue is wet. Removal of dried adhesive is very difficult. Use diluted ammonia to clean dry adhesive. Washwater is RCRA non-hazardous. Dispose of in accordance with regulations.

**Precautionary Information**

Refer to product label and material safety data sheet for Health & Safety information before using this product.

**Contact**

Customer Service: 1-800-433-3222 or [adhesives@wilsonart.com](mailto:adhesives@wilsonart.com)  
Visit [www.wilsonartadhesives.com](http://www.wilsonartadhesives.com) for information



## Certificate of Compliance

### Wilsonart® Type II Premium Glue

#### Wilsonart Adhesives

In addition to meeting the GREENGUARD Children & Schools Certification Criteria, this product complies with CA Section 01350 Version 1.1, including the 2012 update for formaldehyde at 9 µg/m<sup>3</sup> (office seating ≤ 4.5 µg/m<sup>3</sup>).

#### Certification Details:

**Certificate No:** 3547-420

**Status:** Certified

**Period:** 03/2007 - 03/2014

**Restrictions:** NONE

**Reference Standard:** GGPS.002 GREENGUARD Children & Schools<sup>SM</sup> Standard

**Product Type:** All Products

Criteria	Allowable Limits
Individual VOCs <sup>1,2</sup>	≤ 1/100 TLV and ≤ ½ CA CREL (Office Seating ≤ 1/100 TLV and ≤ ¼ CA CREL)
Formaldehyde	≤ 0.0135 ppm /13.5 ppb (Office Seating ≤ 0.00675 ppm / 6.75 ppb)
TVOC <sup>3</sup>	≤ 0.22 mg/m <sup>3</sup>
Total Aldehydes	≤ 0.043 ppm /43 ppb
Total Phthalates	≤ 0.01 mg/m <sup>3</sup>
Total Particles <sup>4</sup>	≤ 0.02 mg/m <sup>3</sup>

See referenced standard for a complete technical explanation.

<sup>1</sup> Any VOC not listed must produce an air concentration level no greater than 1/100 the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, Cincinnati, Ohio 45211-4438) and no greater than ½ the CA Chronic Reference Exposure Level (CREL) [http://www.oehha.ca.gov/air/chronic\\_rels/AllChrels.html](http://www.oehha.ca.gov/air/chronic_rels/AllChrels.html) (Adopted by the State of California Office of Environmental Health Hazard Assessment (OEHHA), December 2008).

<sup>2</sup> 1-Methyl-2-Pyrrolidinone must be ≤ 0.08 mg/m<sup>3</sup> for office seating and ≤ 0.16 mg/m<sup>3</sup> for all other product types.

<sup>3</sup> Defined to be the total response of measured VOCs falling within the C<sub>6</sub>-C<sub>16</sub> range, with responses calibrated to a toluene surrogate.

<sup>4</sup> Particles are only applicable to fibrous, particle-releasing products with exposed surface area in air streams.

Seating, Workstations and Casework Systems comply with ANSI/BIFMA e3-2012 Credit 7.6.2. Workstations have been evaluated and show compliance in the the Open Plan and Private Office Environments. Casework systems have been evaluated and show compliance in the Private Office Environment. Seating shows compliance in the BIFMA seating environment for office chairs and the CDPH classroom for student seating. Educational furniture is evaluated in the CDPH classroom environment.

Complies with California Department of Public Health "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1" (CA Section 01350).

GREENGUARD Certification affirms that representative samples of the products tested meet the criteria of the referenced standards and the requirements of the specific certification program. Certification testing is conducted according to a consistent, defined protocol. It does not measure emissions under usage conditions other than those defined in the protocol and does not address potential environmental impact other than chemical emissions.

The GREENGUARD Environmental Institute (GEI) is an independent, third-party certification organization that qualifies products for low chemical emissions. GREENGUARD certification programs use defined product standards, test methodologies, product sample collection and handling procedures, testing types and frequencies, program application processes, and on-going verification procedures. GREENGUARD standards, methods, and procedures are available at [www.GREENGUARD.org](http://www.GREENGUARD.org).