

3100



General Description

An emulsion of water, starch and polyvinyl acetate suitable for bonding decorative laminate to wood products.

Applications

- Glue spreader/cold press laminating
- Consumer or professional use

Applications to Avoid

- Tempered hardboard products
- Fire retardant treated board products
- Boards treated to be moisture resistant
- Low pressure melamine surfaces
- Metallic, polyester and painted surfaces
- Wheatboard and strawboard

Availability

- 2,500-pound totes
- 500-pound drums

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.
- Warranty expires 1 year from manufacture date.

General Use Instructions

- Ensure substrates and adhesive are above 65°F.
- Best results are achieved between 70°F and 85°F.
- Surfaces must be clean and dry.

Cold Press Laminating Instructions

- Follow the glue spreader manufacturer's recommendations.
- Use a dual durometer roller (Black Bros. #A2158, 16 x ½" pattern).
- Select a groove pattern appropriate for PVA glue.
- Apply 6-8 wet mils with glue spreader.
- Open time is approximately 5 minutes.
- Closed time is approximately 30 minutes.
- Press time is 30-60 minutes at 40-50 psi.
- Wait at least 2-3 hours after pressing to machine.
- Wait 24 hours after pressing for heavy machining.

Physical Properties

Color:	White
Viscosity:	5750 cps (typical)
Density:	9.4 lbs/gallon
Solids Content:	43.0% ± 2.0%
pH:	4 – 5 (typical)
VOC Content:	< 20 g/L (Meth. 24)
VHAP Content:	< 0.042 lbs / lbs solids
Coverage (Spreader):	~ 229 ft ² /gal @ 7 wet mils

Clean-up/Disposal

- Clean with hot tap water while adhesive 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.

Primary Contents

- Vinyl acetate homopolymer (CAS 9003-20-7)
- Water (CAS 7732-18-5)
- NJTSRN #990009
- Starch (CAS 9005258)
- Polyvinyl Alcohol (CAS 9002895)



PVA ADHESIVE

FOR COLD PRESS APPLICATIONS



PVA ADHESIVE FOR COLD PRESS APPLICATIONS

GREENGUARD® Indoor Air Quality Standard for Low Emitting Products

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

Category: Adhesives/Sealants

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

California Proposition 65 Status

This product may contain trace amounts of the following chemical considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity and for which warnings are now required: Acetaldehyde and formaldehyde.

Safety

- Non-flammable
- Mildly irritating to eyes
- May irritate sensitive skin
- Inhalation may irritate respiratory tract
- See MSDS for more complete information
- 24 hr. Chemtrec emergency number:
1-800-424-9300 (US); 703-527-3887 (International)

Warranty

Wilsonart International, Inc. warrants to the user that this product is free of defects for a period of one (1) year from the date of manufacture when it is applied in accordance with manufacturer's instructions or the manufacturer will replace the container at no cost or additional charge to the user, provided the unused portion of the product is returned to the place of purchase within 15 days of the date of purchase. This warranty does not apply to (I) products that are purchased after the expiration of the manufacturer's recommended shelf life as stated on this technical data sheet, (II) misuse or mishandling of the product, (III) improper storage, or (IV) improper fabrication using this product. NO OTHER WARRANTIES, EXPRESS OR IMPLIED ARE MADE, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL THE MANUFACTURER BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE PURCHASE, USE, OR INABILITY TO USE THIS PRODUCT, OR FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. NO FABRICATOR, INSTALLER, DEALER, AGENT OR EMPLOYEE OF WILSONART INTERNATIONAL, INC. HAS THE AUTHORITY TO MODIFY THE OBLIGATIONS OR LIMITATION OF THIS WARRANTY. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, therefore, some of the limitations stated above may not apply to you. It is to your benefit to save your documentation upon purchase of product.

For More Information

- www.wilsonartadhesives.com for:
 - Tech Data Sheets
 - Material Safety Data Sheets (MSDS)
 - Adhesive Use Quick Reference Charts
 - Certified Product Data Sheets (CPDS)
- Customer Service Line 1-800-433-3222
- Wilsonart International Adhesives Division
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