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Eclectic Products, Inc.
Pineville, LA 71361

Made in the USA

800.767.4667 - Technical Services

www.eclecticproducts.com

www.ecoglue.com

TECHNICAL DATA SHEET

Amazing EcoGlue™ Power Glue

PRODUCT DESCRIPTION

Amazing EcoGlue™ Power Glue has been formulated for immediate use. It is the environmentally safe glue that bonds like an industrial adhesive! Intended applications are those that require a wood adhesive, general purpose adhesive or water-resistant product. Amazing EcoGlue™ has strong adhesion to porous and cellulosic surfaces like paper, wood and cloth. The emulsion characteristics of Amazing EcoGlue™ provide a tough film that is water resistant when cured.

PRODUCT CHARACTERISTICS & BENEFITS

Water resistant	100%, after completely cured
Abrasion resistant	Great for bonding object subject to wear
Paintable	Paint to match surrounding area or make UV resistant
Sandable	Once cured
Washer/Dryer safe	Safe for use on clothing and shoes. Do not dry clean.

PROPERTIES OF UNCURED MATERIAL

Color	White
VOC	<1%
Density	9.0 lbs/gal
Solids¹	49% by weight
Viscosity²	4,000 - 6,000 cps
Tack time	20 - 30 minutes
Dry time	Thin film: 30 minutes / clamp wood / thicker film 24 hours
Cure time	3 - 5 days for full water / heat resistance
Storage	Store in dry area between 50°F (10°C) and 80°F (27°C)
Freeze/thaw stability	Stable. Allow product to return to room temperature and stir
Shelf life	1 year (unopened)

PROPERTIES OF CURED MATERIAL

Dielectric strength	400V/mil (ASTM D-149). This is the maximum voltage that can be applied to a given material without causing it to break down.
Water resistance	High; ANSI-HPVA [HP-1-1994] "type 2" and strain group D3 of DIN EN204
Heat resistance	ASTM D5751-95 and WATT 91
Chemical resistance	Excellent to water, dilute acids and dilute bases
Service temperature range	54°F (12°C) to 100°F 38°C [materials should be within this range when applying wet adhesive]
Paint-over time	24 hours
UV resistance	None. Paint over for more protection.

¹ Cenco Moisture Balance

² Brookfield Viscometer, Model RVF, @20 RPM

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SOLVENTS THAT DISSOLVE Amazing EcoGlue™ Power Glue

Once Amazing EcoGlue™ Power Glue is fully cured, the product is insolvable. Use water for cleanup.

CHEMICALS THAT HAVE LITTLE OR NO EFFECT ON Amazing EcoGlue™ Power Glue

After curing, Amazing EcoGlue™ Power Glue exhibits excellent resistance to water, dilute acids and dilute bases.

DIRECTIONS FOR USE and APPLICATION NOTES

Always test a small area before full use.

- Step 1** Please read all directions before using.
- Step 2** Surface should be clean, dry and free from oil and grease.
- Step 3** When bonding two surfaces, spread Amazing EcoGlue™ on both surfaces.
- Step 4** Initial bond forms in 20 - 30 minutes. 3 - 6 hours for 80% strength. 24 hours for full strength. Water resistance reached within 3 - 5 days.
- Step 5** Clamping wood substrates is recommended when possible. Clamp for 20 - 60 minutes.
- Step 6** Application temperature is best between 60°F (16°C) to 100°F (38°C).
- Step 7** Heat resistant from 0°F (-18°C) to 250°F (121°C) intermittently.

For technical assistance, call (800) 767-4667.

- Some substrates require light sanding for optimum adhesion.
- If Amazing EcoGlue™ Power Glue is used to adhere articles to fabric, DO NOT DRY CLEAN FABRIC.
- For applications exposed to sunlight, paint over.

HAZARDS

Product is not considered hazardous under normal conditions. To request an MSDS, please send an e-mail to msds@eclecticproducts.com or call 800.333.9826.

MANUFACTURER DISCLAIMER

The product is warranted against any defect in materials or workmanship under normal use and service for a period of 180 days after the date of purchase. The product is also warranted under any implied warranties provided under applicable state law, including, without limitation, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, for a period of 180 day after the date of purchase. This warranty covers only the original buyer of the product. For warranty service, the buyer should contact the store where the product was purchased, or write Eclectic Products, Inc. PO Box 4450, Pineville LA 71360 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.