



Manufactured by:
Eclectic Products, Inc.
Pineville, LA 71360

Made in the USA

800.767.4667 - Technical Services

eclecticproducts.com ecoglue.com

TECHNICAL DATA SHEET

Amazing EcoGlue® Craft Adhesive

PRODUCT DESCRIPTION

Amazing EcoGlue® Craft Adhesive is the environmentally-safe and kid-safe craft glue that bonds like an industrial adhesive! It's formula is water-based and contains no animal derivatives. As a result, the physical and mechanical adhesive strength, flex strength, heat resistance, sandability, toughness and water resistance are much higher than other white glues. **Amazing EcoGlue Craft Adhesive** also tests far superior than the leading moisture cure urethane and is safer and easier to use. Great for most craft projects that require bonding to: wood, stone, metal, ceramic, glass, Styrofoam™ and more!

PRODUCT CHARACTERISTICS & BENEFITS

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

PHYSICAL PROPERTIES

Color	White; dried film is clear
VOC	<1%
Density	9.0 lbs/gal
Solids	49% by weight
Viscosity	4,000 - 6,000 cps
Tack Time	20 - 30 minutes
Dry Times	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 and 80 °F (10 and 27 °C)
Freeze/Thaw Stability	Stable. Allow product to return to room temperature and stir
Shelf Life	4 years (unopened)

PERFORMANCE PROPERTIES

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 to 100 °F (12 to 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.

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SOLVENTS THAT DISSOLVE Amazing EcoGlue® Craft

Once Amazing EcoGlue® is fully cured, the product is insoluble. Use water for clean up.

CHEMICALS THAT HAVE LITTLE OR NO EFFECT ON Amazing EcoGlue® Craft

After curing, Amazing EcoGlue® exhibits excellent resistance to water, dilute acids and dilute bases.

DIRECTIONS FOR USE and APPLICATION NOTES - Read completely before using

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® Craft 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 to 100 °F (16 to 38 °C).
- Step 7** Heat resistant from 0 to 250 °F (-18 to 121 °C) intermittently.

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

- Some substrates require light sanding for optimum adhesion.
- If Amazing EcoGlue® Craft 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. MSDS is available on line at: eclecticproducts.com/msds.htm/ecoglue_english.pdf; 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 days 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.