

# Technical Data Sheet



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Available sizes:  
Pint Kit  
Quart Kit

# FAMOWOOD® GLAZE COAT®

## HIGH GLOSS CRAFT RESIN



### PRODUCT DESCRIPTION

FAMOWOOD® GLAZE COAT® CRAFT is an ultra-clear epoxy resin that cures to a high gloss finish. It's versatile enough for creating unique jewelry pieces or a high-build coating for use on almost any surface – smooth or rough, stained or painted, old or new.

### WHERE TO USE / APPLICATIONS

This ultra-clear, high gloss finishing epoxy is ideal for craft and home décor projects.

- Jewelry, creating beautiful craft tables, game boards, and furniture.
- Beautifying clocks, picture frames, bed trays, jewelry boxes, and plaques.
- Embedding keepsakes, jewels, coins, rocks, sea shells, flowers or any non-waxy material.
- Preserve pictures, photographs, posters, signs and ceramics.

### FEATURES AND BENEFITS

**HIGH BUILD EPOXY** – just one pour equals 70 coats of varnish when coating furniture, game tables, or picture frames.

**EASY TO USE** – Easy 1:1 mixing ratio (by volume)

**VERSATILE** – may be used on any non-waxy material. Use on wood, paper, photos, tile, cloth, sea shells, masonry, bread dough, styrofoam, rock, ceramic, dried flowers, metal, leather, burls & more!

**SELF-LEVELING** – minimal spreading and maintenance required

**ACID-FREE** – safe for embedding photographs

### PHYSICAL PROPERTIES

Natural color:	Clear
Tensile strength:	450 psi
Tear strength:	200 psi
Shear strength:	200 psi
Compressive strength:	800 psi
Compressive strain:	75%
Elongation:	15%
Shore hardness:	85D
Solids content:	100%
Non-volatile content:	97%
Mixing ratio:	1 to 1 by volume
Pot life (working time):	15 minutes @ 70 °F / 21 °C
Tack free time:	12 hours @ 70 °F / 21 °C
Cure time:	72 hours (depending on temperature)
Weight/gallon:	Part A (Resin): 9.63 / Part B (Hardener): 7.93 @ 77 °F / 25 °C (ASTM D-1475)
Application temperature:	70 to 80 °F (21 – 27 °C)
Service temperature:	10 to 120 °F (-12 to 49 °C)
Storage temperature:	Do not store above 95 °F (35 °C); if materials are hot bring them to room temperature (77 °F / 25 °C) before mixing.
Food Grade:	Yes. Cured Glaze Coat provides a surface that is safe adjacent to serving or eating food. However, food should not be prepared or served with direct contact.
Shelf life:	2 years (unopened – in package)

#### Coverage (Based on 1/16" thickness)

Pint (0.47 L) Kit	4.5 sq ft (0.42 m <sup>2</sup> )
Quart (0.95 L) Kit	9.0 sq ft (0.84 m <sup>2</sup> )
Gallon (3.79 L) Kit	36.0 sq ft (3.34 m <sup>2</sup> )



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**DIRECTIONS and APPLICATION NOTES**

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**FOR EMBEDDING ITEMS**

Jewels, photos, fabric, coins, shells...almost anything can be embedded in Glaze Coat CRAFT. Attach photos with E6000® Spray Adhesive or with a good grade white glue, making certain the entire surface is covered to ensure it will not try to float. Attach most any other items with E6000® Industrial Strength Adhesive (make sure adhesive is cured).

You can also embed items immediately following application of the 1<sup>st</sup> seal coat application of Glaze Coat. While the surface is still tacky, position the item and push it into place, making sure it is not going to move. After it has cured, a second coat can be applied to smooth the entire surface. Another method for photographs is to first laminate the photograph before attaching to surface.

Please note: When embedding items that are important to you, make a copy and use that. Very old pictures or newspaper articles can be damaged. Not recommended for applications on cardboard.

**FOR CREATING PENDANTS**

**Complete step 1.**

Note: Measure and mix only a small amount of Glaze Coat CRAFT--enough to fill bottom of pendant approximately 1/16-1/8 inch, depending on depth of pendant.

**Complete steps 2 through 4.**

Embed any items if desired. (See "Embedding Items" section). Cover project and let set approximately 4 hours. Mix and pour a top coat until the desired fill is achieved.

**Complete steps 5 through 8.**

**COATING CRAFT PROJECTS**

Glaze Coat CRAFT provides a thick coating to almost any material.

Mix enough Glaze Coat CRAFT (approximately 1/16) thick to coat your craft project. (See steps 1 through 3.)

Embed any desired items (See "Embedding Items" section). Repeat steps 2 through 6 until the desired coating thickness is achieved.

**Complete steps 7 and 8.**

**TABLE TOPS, GAME TABLES & PICTURE FRAMES**

ADDITIONAL REQUIRED TOOLS FOR TABLE TOPS, GAME TABLES & PICTURE FRAMES (See more "required tools" under "Required Tools" section):

- Plastic spreader, squeegee or notched trowel
- Disposable brush for coating edges
- Waxed paper, newspaper or plastic drop cloth
- Masking tape
- Carpenter's level
- Eye protection (strongly recommended)

SEAL COATS: For porous surfaces, a sealer coat is recommended. Certain woods with open grains such as oak and walnut will allow air to escape causing bubbles. Porous fabrics or papers should follow these steps as well. These applications require a thin coat of Glaze Coat CRAFT prior to the full flood coating. Mix about ¼ the amount normally used for a full flood coat and spread it thinly over entire surface. This will seal air passages. Allow to cure approximately 4-5 hours at 70 °F before applying second coat.

**Complete Steps 1 through 3.**

Pour Glaze Coat IMMEDIATELY onto the center of the surface to be covered. Do not allow it to "sit". You have about 15-20 minutes working time before product begins to harden. Spread the mixture over the area with a plastic spreader, plastic squeegee, notched trowel or brush. If coating a large surface such as tables or game tables, etc., a notched squeegee or trowel works well. Pour mixture on surface and spread evenly using a combing action in one direction over entire surface.



Do not persist in re-spreading the mixture as it sets up, otherwise it will not self-level during the curing action. Do not pour more than 1/8" thick in an application. Mix only as much as you can pour and spread at one time.

**Complete Steps 5 through 8.**

Allow drips to flow freely off the sides by elevating area to be coated. While the Glaze Coat CRAFT is still flowing freely, use a paint brush to brush the drips to a smooth finish on the edges of the table. Keep checking for drips on the table edges and brush them out until they no longer exist.

**COVERAGE:**

Pint (16 fl oz)	4.5 ft <sup>2</sup>
Quart (32 fl oz)	9.0 ft <sup>2</sup>
*based on 1/16" thickness	

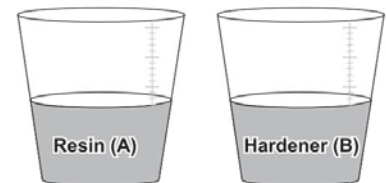
**STEP 1: PREPARATION**

Surface of the project materials must be level, dry and free from oil, dust and wax. To catch drips, cover surrounding area with waxed paper, newspaper or drop cloth.

**DRIPS:** Before pouring, protect the sides and edges of the surface area of item being coated with several layers of masking tape. After curing, remove the tape and any drips along with it. Otherwise, drips may be scraped with a putty knife about 30-40 minutes after pouring, or they may be sanded after completely curing.

**STEP 2: MEASURE**

Pour equal parts each of resin and hardener into separate clean, unwaxed disposable paper or plastic cups or tubs. Mix **MUST** be a one-to-one ratio (by volume), meaning equal parts resin and hardener. If possible, use a calibrated container.

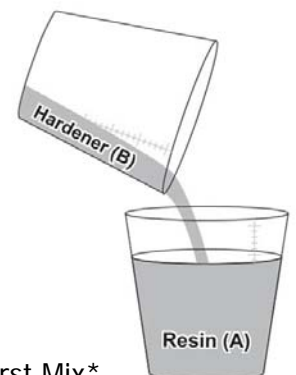


Measure\*

**STEP 3: MIX**

First mix: Pour the carefully measured Hardener (Side B) into the container with measured Resin (Side A) and thoroughly mix for six minutes. Mix with a stir stick using gentle, steady revolutions. With proper mixing, some air bubbles occur naturally and can be removed after the pour (see Step 4). It is very important to scrape all sides and the bottom of the container with your stirring stick as you mix.

Second mix: Pour the Resin and Hardener from first mix into a clean mixing container and thoroughly mix for an additional six minutes.



First Mix\*

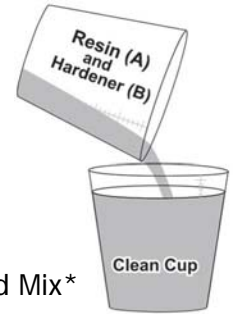
\* It is **EXTREMELY IMPORTANT** to follow Step 1 and Step 2 as described above. **DO NOT** allow mixture to sit (or it will harden), overheat and become hot to the touch.



**MIXING TIME**

1st Cup-Hardener into Resin	6 minutes
2nd Cup-Resin & Hardener into new clean container	6 minutes (or until mixed product equals 90 °F)
When the hardener and resin are first poured together, the initial mixture appears hazy.	

This step is very **IMPORTANT** to ensure a complete mix.



NOTE: If temperature is above 70 °F, working time decreases, lower temperatures increase working time.

**STEP 4: POUR**

Pour Glaze Coat IMMEDIATELY onto the center of the surface to be covered. Do not allow it to “sit”. You have about 15-20 minutes working time before product begins to harden. Glaze Coat CRAFT is self-leveling. However, if necessary, spread the mixture over the area with a toothpick or small tool. Do not persist in re-spreading the mixture as it sets up, otherwise it will not self-level during the curing action. Do not pour more than 1/8” thick in an application. Mix only as much as you can pour and spread at one time.

**STEP 5: SURFACE BUBBLES**

At initial pour, air bubbles created during the mixing process will usually rise to the surface by themselves and disappear. However, because Glaze Coat is very thick, it is usually necessary to help this process along immediately after pouring and spreading. Surface bubbles **MUST** be removed when surface is still wet, not once surface begins the curing process or else bubbles will turn into dimples once fully cured. Blow gently on the surface to force bubbles up and away or pop bubbles with a toothpick. For larger projects, use a blow dryer or small, handheld propane torch. Keep flame 6 to 8 inches above surface. Move torch over freshly poured Glaze Coat CRAFT several times until surface is bubble free. Be sure to use a waving action so the surface is only slightly warmed, allowing remaining air bubbles to disappear. Do not hold flame in one area.

**STEP 6: COVER PROJECT**

Keep dust away for approximately eight hours after pouring. This can be accomplished by having a dust cover ready to use after pour to prevent debris from falling on project. If a second coat is required, cover project and allow to cure approximately 4-5 hours at 70 °F before applying second coat.

**STEP 7: CURING**

To achieve best results, apply at temperatures between 70 and 80 °F. Both Glaze Coat CRAFT and the item to be coated should be approximately the same temperature.

NOTE: These curing times are to be used as guidelines only. Warmer temperatures will yield faster cure times.

70 °F	8 hours	1 - 2 coats (4 - 5 hours) 3+ coats (24 hours. Not longer than 48 hours.)	72 hours

Allow fresh pours to cure in a warm room (at least 70 °F). If applying in an area where dust or other particles are present, temporary cover or protection may be desired.



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**STEP 8: CLEAN-UP**

Use acetone or alcohol for tool and work area clean up. Glaze Coat can only be cleaned while it is still in a liquid state. After it has cured, paint remover, heat gun or sanding is required.

CAUTION: Always use plenty of soap and water to wash skin.

**FOLLOW-UP**

- Heat Resistance – A surface temperature of 120 °F can be tolerated without any problems. Distortion may occur if temperatures higher than 120 °F are encountered. Always use a coaster or hot pad on surfaces with Glaze Coat CRAFT. Never use Glaze Coat CRAFT to line ashtrays or cookware.
- Glaze Coat CRAFT is pliable. It may dent if something is left on it for an extended period. Once the item is removed, the dent will gradually disappear.
- Product Storage – Glaze Coat CRAFT should not be allowed to freeze. Be sure to bring Glaze Coat up to room temperature prior to using.
- Unmixed product is usable up to 1 year. Store in a dark, cool place.

**SUGGESIONS:**

- Creating a Satin Finish – To remove some of the gloss from the surface area after the Glaze Coat has completely cured, lightly sand the surface with 0000 steel wool or #600 sandpaper. Clean the surface and then apply a mixture of oil (linseed, crude, or polishing) and a carnauba-based wax. Allow to dry, rub clean, and then buff again with a carnauba-based wax.

**TECHNICAL SUPPORT**

For technical support, contact our Technical Service Department by mail, email, or phone Monday through Friday. Please visit

<http://eclecticproducts.com/downloads/catalogs/0443702GCCRAFTInstructSheetSP15aw11.pdf>

for instructions in Spanish. For project ideas, visit [eclecticproducts.com/projects](http://eclecticproducts.com/projects).

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**HEALTH and SAFETY**

This product contains Bisphenol A/Epichlorohydrin Resin, Nonyl Phenol and N-

Aminoethylpiperzaine. Before working with this product, read and become familiar with information concerning hazards, proper use and handling. SDS is available on line at:

<http://eclecticproducts.com/downloads/sds-famowood-glaze-coat-craft-english.pdf>; to request

a hard copy of the SDS, please send an e-mail to [msds@eclecticproducts.com](mailto:msds@eclecticproducts.com) or call

800.333.9826.

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**LIMITED WARRANTY**

The product is warranted against any defect in materials or workmanship under normal use 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., P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. This warranty gives you specific legal rights, and you also have other rights, which vary from state to state.