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At Fiberglass Coatings, Inc., we are dedicated to providing our customers with the tools necessary for success—from custom product development to exceptional technical and customer service. Order online anytime at www.fgci.com or contact us with any questions at 1-800-272-7890.



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Please read this entire instruction sheet before beginning your project.

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CAUTION!



- Do not expose the product to direct sunlight.
- Keep container closed to prevent contamination.
- May cause eye and skin irritation. Use this product only in a well-ventilated area with protective gloves and eye protection.
- Do not eat, drink, or smoke when using this product.
- When mixed together in mass this material can generate excessive heat, handle with caution.
- Dispose of containers and contents in accordance with all Federal, State, and Local regulations.

(Refer to SDS for detailed safety information)



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Instructions for SuperClear Epoxy

Please read this entire instruction sheet before



WE HIGHLY RECOMMEND TESTING A SAMPLE PIECE BEFORE BEGINNING YOUR FINAL PROJECT.

Materials Needed:

- Mix & Measure Buckets
- Personal Protective Equipment (PPE)
- Mixing Sticks/Power Mixer
- Spreader, Brush, or Roller (Foam Rollers are preferred)

Incomplete and incorrect mixing are the most common causes of poor results—leaving uncured, tacky areas on your project. Too much activator will cause the resin to be soft and feel like rubber, too little activator and the resin will not cure properly. For best results, mix in one bucket then pour mixture into second bucket and very thoroughly mix again.

Directions for Use:

Step 1: The ideal working temperature is around 77°F. Best results can be obtained at temperatures between 70°F and 85°F, in a clean, dry, dust-free environment. Avoid working in high humidity. We recommend using this product on a leveled and flat work surface.

Step 2: Using the *Laminate Coverage Chart*, measure product in accordance with your intended use. Prepare 1 part Base Resin to 1 part Curing Agent by liquid volume or 100 parts Base Resin to 83 parts Curing Agent by weight. Pour the Curing Agent first and then the Base Resin into a clean, smooth-sided container large enough to hold all the liquid and allow room for mixing. We do not recommend mixing more than a half-gallon in a single container, as this product is mass-dependent.

Step 3: THE MATERIAL MUST BE MIXED THOROUGHLY FOR A MINIMUM OF 3 MINUTES. Be sure to scrape the container sides, bottom, and corners as you mix. Be careful to not whip excessive air into the mixture. If mixing a gallon, use a power mixer set to "hand speed." For smaller quantities, use stir sticks.

Step 4: Pour the mixed resin onto the surface and distribute evenly with a squeegee or gloved hand. Continue to pour remaining material to achieve the desired thickness, (up to 1/4") allowing the resin to flow evenly over the project's sides.

Step 5: See *Additional Information* for guidance to help eliminate bubbles that have risen to the surface of the resin.

Step 6: If you are going to make a second pour, the first pour should still be lightly sticky. Once the second pour is made, bubbles may once again need to be removed. Material will feel well-cured after 24 hours, but full cure and maximum hardness can require up to 7 days depending upon the temperature.

Additional Information:

- While using SuperClear Epoxy in castings, use thin pours of no more than 1/4 inch.
- To remove air bubbles that have risen to the surface of the poured epoxy: Use a light mist of Bust-A-Bubble (Product #123757) or an industrial heat gun. Avoid heating any one spot for too long so as to prevent any distortions in the finished product.

CAUTION! Do not combine Bust-A-Bubble with any techniques involving heat.

- This product will work well with wood, glass, ceramic, stone aggregate, cement, electronic parts and most metals. Do not use over an oil-based stain.

This product may be used to embed or encapsulate items for viewing and display, as long as the items are sealed first. Objects that may be embedded include bugs, small stones, LED lights, electronic parts, or other mementos.

- If you wish to apply paper decals or other objects under the SuperClear surface, those objects need to be bonded to the surface either with SuperClear Epoxy or craft glue.
- While not all wood requires it, we always recommend a seal coat to prevent air bubbles from rising out of the wood and ruining the surface. Older, more porous pieces of wood may contain both air and moisture that can contaminate the finish. In this case, the user may first paint on a very thin coat of SuperClear, allowing that to set before pouring the new layer.
- If a second coat of SuperClear is required, apply while the first coat is still lightly sticky. If the first coat has fully hardened, a light sanding is suggested before the recoat.
- One of the best things about this product is the ease with which it can be re-coated after a period of time. Even a well-worn, scratched surface can be lightly sanded and recoated with fresh material to be returned to its original luster.
- This product has excellent UV resistance, but all epoxy products will eventually begin to yellow under sunlight. This includes the curing agent side resin, as well as the finished cured products.
- **Clean Up Procedure:** Tools can be cleaned with T-12, isopropyl alcohol 99%, or a residue-free cleaner. Do not use soap and water.

Calculating Volumes:

Use the table below to determine the volume of mixed resin that you will need. Remember that this is not an exact science, as the amount of resin allowed to run off the project will vary by user. It is always better to mix too much rather than too little resin to ensure completion of your project.

The figures below will vary depending upon

Laminate Coverage Calculated by Thickness of Pour		
Measured in Inches and Square Feet		
Desired Laminate Thickness	Gallon Kit 1/2 Gallon A + 1/2 Gallon B	Pint Kit 1/2 Pint A + 1/2 Pint B
1/4"	6 sq. ft.	1-1/2 sq. ft.
1/8"	12 sq. ft.	3 sq. ft.
1/16"	24 sq. ft.	6 sq. ft.
1/32"	48 sq. ft.	12 sq. ft.
1/64"	96 sq. ft.	24 sq. ft.

Q & A's

- 1. Product says UV stable, can I use this product outdoors on a table that is out of the sun?**
 - Yes, because the table is not directly in the sun. Please note that over time the table may turn yellow. However, having it out of direct sunlight will prolong the process.
- 2. I used your SuperClear Epoxy and I love it. However, now it has a few light scratches. What product would you recommend?**
 - We recommend a water-based compound and to lightly sand with 1000 grit.
- 3. Do you have to pre-treat the table surface prior to pouring resin?**
 - This depends on the table surface:
 - For wood & concrete: seal with SuperClear Epoxy
 - For granite & different ceramics: sand with 320 grit
 - Contact our Tech Specialists for other surfaces/ applications
- 4. It has been over a month since my application of this product and it still has "tacky" spots. Why is that?**
 - This means it wasn't mixed well enough. Small areas can be improved with an alcohol wash, but larger areas will need to be removed.

PLEASE NOTE: This information is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product, nor to relieve the end user of any Federal, State, or Local regulatory responsibility.