It is extremely important to ensure your epoxy, and your project, stay within the recommended temperature ranges for your application during the curing process.

WARM WEATHER WARNING

Overheating will result in much quicker cure times, severe cracking, extreme shrinking, or unusual amounts of bubbles and clarity issues. The following tips may help to better deal with warmer weather:

1. **Never pour outside if you can help it, and especially when the temperature is above 84°F.**
2. **Elevate your mold off of a flat surface to create airflow underneath. This allows the epoxy to properly exotherm and release heat without overheating.**
3. **Additionally, you can use fans to further circulate cooler air within your pour space to assist with any potential overheating.**

COLD WEATHER WARNING

Excessively cold temperatures will result in much slower cure times, no curing, or unusual amounts of bubbles and clarity issues due to thicker epoxy. The following tips may help to better deal with colder weather:

1. **If epoxy is thick, warm epoxy bottles in warm water and bring to between 72°F and 75°F. Remove from water bath, dry bottles and follow pouring instructions.**
2. **If you have trouble with ambient room temps, try using a temp controlled heat mat under your mold. Be safe, and keep it between 70°F and 75°F.**
3. **Temperatures affect cure times, so a warmer product will cure faster than a colder product. Be sure to plan accordingly.**

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 while using this product.
- When mixed in very large masses, this product can generate excessive heat. Handle with caution.
- Dispose of containers and contents in accordance with all Federal, State and Local regulations.

SHELF LIFE

Unopened: 6 - 12 months*
Opened: 3 - 6 months*
**depending on how the product is stored.*

SUPERCLEAR
Super Epoxy Resin Systems

For more product information, please visit:

www.SuperEpoxySystems.com

Proudly MADE IN THE USA

(888) 849-0588

superclear@fgci.com
4301 A 34th St. North
St. Petersburg, FL 33714

Product/Document #: 151338
081722

SUPERCLEAR
Super Epoxy Resin Systems

LIQUID GLASS
DEEP POURING EPOXY

2:1 EPOXY

RESIN & CURING AGENT INSTRUCTIONS

READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT

Liquid Glass Epoxy is perfect for almost all substrates like wood, stone, cement, most metals, plastic, etc. Note: it does not adhere to any oil base stain. If you are unsure of adhesion to a substrate, sand the substrate first to create a mechanical bond.

SUGGESTED MATERIALS NEEDED

- Stir sticks, spatula (or mixing paddle and drill gun)
- Mix and measure buckets (minimum of 3 recommended)
- Squeegee or foam brush for spreading the epoxy
- Drop cloth or plastic sheeting for easy clean up
- Disposable Gloves
- Safety protection

INFORMATION TO KEEP IN MIND

Inaccurate measuring or improper mixing are the most common causes of poor results. This product MUST be used in a 2:1 ratio by volume and thoroughly mixed. For best results, mix resin and hardener in one bucket and transfer to a clean bucket and mix again. Ideal working temperature is 70-74°F.

DIRECTIONS

STEP 1:
Using the Coverage Chart, determine the amount of epoxy you will need for your project. Be sure to order SuperClear Table Top Epoxy for a seal coat to ensure best results!

STEP 2:
Ensure your working environment is clean, dry and at least 70 degrees for best results. Lay down a plastic sheeting below your project for a safe, easy cleanup. Make sure your surface is completely level, as the epoxy will self-level.

STEP 3:
Seal Coat: Be sure to clean the surface with Isopropyl Alcohol 90% + and apply your seal coat with a brush, following all mixing directions for that product. Let it get tacky before pouring your deep pour. If the seal layer is fully cured, for best results, lightly sand the surface with 320 grit sandpaper and clean with Isopropyl Alcohol 90% +, and then pour the deep pour.

STEP 4:
Mixing Deep Pour: Measure 2 parts Resin to 1 part Activator and pour into a clean, dry bucket or cup. Stir the mixture for at least 5 minutes with either a stir stick (if mixing with a stir stick, do not mix more than 1 quart) or a drill mixer set to low. Ensure you are not whipping air into your epoxy. Be sure to scrape the sides and bottom to ensure all of your epoxy is properly mixed.

STEP 5:
Transfer contents to a new, clean, dry bucket or cup and continue mixing for 3 more minutes to ensure proper mixing, again scraping sides and bottom.

STEP 6:
Pour mixture directly into your mold at your desired depth.

STEP 7:
Use a heat source, like a heat gun to remove any air bubbles. Start at 6" minimum above the surface and sweep back and forth until no bubbles remain. Do not leave the heat gun over the surface too long, as to prevent surface distortions.

STEP 8:
Allow the surface to cure, up to 72 hours in a dust-free environment. The epoxy will start to get tacky after 24 hours but do not disturb for 72 hours to ensure a proper cure.

PRO TIPS

- If you're new to epoxy, try mixing and pouring in smaller batches until you're comfortable to move onto bigger pours.
- Use a fan to help with airflow, and reduce the heat caused by the exothermic reaction.
- Elevate your mold off of your main surface (i.e. table) to allow airflow to assist in dissipating heat from the exothermic reaction.
- Imprecise mixing and measuring are the most common reason for poor results. After Mixing, when pouring, do not scrape the sides. This can include unmixed epoxy into your project that can have negative effects.

COVERAGE CHART

Lamination Thickness	2 sq .ft.	4 sq .ft.	8 sq .ft.	10 sq .ft.
1/2"	2.5 qts	5 qts	2.5 gallons	7.8 gallons
1"	1.25 gallons	2.5 gallons	5 gallons	15.6 gallons
2"	2.5 gallons	5 gallons	10 gallons	31.25 gallons
4"	5 gallons	10 gallons	20 gallons	62.5 gallons

FAQ's

HOW LONG DO I HAVE TO MIX IT?
You need to stir it with by hand for a minimum of 5 to 8 minutes, scraping the sides and bottom thoroughly throughout while mixing. When pouring, we do not recommend scraping the sides. Doing so can risk mixing in unmixed, unincorporated epoxy into your pour, thus creating curing issues.

HOW LONG DOES IT TAKE TO CURE?
The product will begin to harden within the first 12-24 hours, in ideal conditions, but takes 24-72 hours to completely cure, dependent upon conditions like constant temperature, humidity, mass and airflow.

CAN I MIX PIGMENT/DYE/MICA POWDER?
You can mix nearly all alcohol dye's, mica powders, and liquid pigments with our product, not to exceed 12%. However, we do not recommend acrylic based colorants as they can negatively react with the epoxy.

CAN I ADD ANOTHER LAYER TO THE SURFACE?
Yes! Simply wait until the pour is tacky and nearly hard and pour your next layer. If the product is already hard, lightly sand with 240 grit sandpaper and wipe it down with Isopropyl Alcohol 90% or higher before adding additional layers, which helps with the adhesion between the two layers.

CAN I USE THIS ON TOP OF AN OIL BASED STAIN?
No, epoxy will not adhere to oil based stains.

CAN I PAINT OVER THE EPOXY?
Yes, once it is completely cured, you can paint over the top of it.

DO YOU NEED TO APPLY A SEAL COAT?
We recommend a seal coat, which is a very thin coat of Superclear applied to the surface to prevent air bubbles and any residual moisture from the substrate getting into your thick pour. Make sure that the pour surface on your substrate is properly sealed. You can use our SuperClear Table Top Epoxy to easily seal by applying with a paint brush.

IT'S COLD AND THE EPOXY IS REALLY THICK, WHAT DO I DO?
Under 65 degrees, our epoxy may start to thicken up. You may even see some crystallization. Don't worry, the epoxy is perfectly fine! Before mixing, bring a pot of water up to a steady 75-80 degrees, and then put each bottle of epoxy in there until they come up to temp between 75-80 per bottle. Do not mix first and then bring up to temp. Once the epoxy is up to temp, you can now begin the mixing process.

HOW THICK CAN I POUR IT?
You can pour up to 4" thick per pour, depending on ambient temperature and total mass. Much thicker than most competitors! The mass for a 4" pour varies depending on temperatures and conditions. The greater the volume or thickness of your pour, the lower your temperatures should be. If you have never poured a deep pour at 4", we suggest you try it on a smaller scale to understand how it will cure in your particular environment.

HOW CLEAR IS YOUR EPOXY?
Our epoxies are the clearest Epoxy on the market with breathtaking clarity and long lasting beauty.

WHAT IF I CHIP THE EPOXY?
Not a problem. This is easily fixed by rough sanding the area, clean the area with Isopropyl alcohol, and then repour more of our epoxy. Let that cure. Sand down to desired surface, and then buff to your desired shine.

CAN I ALWAYS POUR IN TEMPERATURES BETWEEN 70°-84°F?
Ideal working temperatures are generally 70°F to 84°F, but the exact temperature for your application is dependent on the total volume and depth of the project. The greater the volume or thickness of the pour, the lower your temperatures should be. Always pour in a temperature controlled environment. For large pours, elevate your mold and set up fans to allow for air circulation.

SHOULD I ALLOW THE EPOXY TO REST BEFORE POURING?
Because epoxy is a mass dependent product, it will heat up much faster while in larger volumes. Immediately after mixing, pour the epoxy onto your application. Failure to do so may result in flash curing or produce excessive bubbles.

WHAT IS THE WORKING TIME FOR THIS PRODUCT?
Table Top Epoxy will begin to thicken within 8 to 12 hours, depending on volume and ambient temperature. Expect a shorter working time for larger volumes or higher temperatures.

CAN I APPLY IT OVER WOOD, CONCRETE AND COUNTER TOPS?
Absolutely! With any surface, you want to ensure the surface is clean and dry before applying. As always, we recommend a seal coat before applying thicker coats.