

RIO GRANDE®

Since 1944

For your bench. At your side.

Colores™ Doming Resin Kit Instructions

Preparing to Use the Resin

- Be sure to clean your work area and all surfaces that will receive the doming resin. Remove any wax, oil, moisture, dirt or other foreign particles to prevent contamination of the product.
- For best results, resin products and other materials should be at a uniform temperature, preferably 72° F.

Mixing the Resin

Epoxies require a minimum mass of material for the chemical reaction to occur, ensuring that the material cures properly. Mix Colores™ doming resin as follows:

1. Pour 5cc of resin into the graduated cup in your kit; then add 5cc of hardener for a total mix of 10cc (**always pour resin first, then add hardener**). This 10cc volume is the **required minimum** amount. **Tip:** You can mix larger amounts; however, ratio variances will prevent the epoxy from curing correctly. **Always mix using a 1:1 ratio.**
2. Fold the mixture slowly and gently onto itself (**avoid vigorous stirring**). Folding will minimize the formation of air bubbles in the mixture. When fully incorporated, the mixture will become clear with no visible streaks.
3. Once mixed, the resin will be workable for 45–60 minutes. **Tip:** Before applying, always let the mixture sit undisturbed for 5–10 minutes to allow any air bubbles to rise to the surface. Gently tapping the sides of the cup can help accelerate this process.

Applying the Resin

1. If the surface to be covered by the resin is porous—such as paper, fabric, etc.—it must be sealed to prevent the resin from soaking through and changing the look or color of the piece. Coat both the front and back of these surfaces with a 50/50 mixture of white craft glue and water (**always do this before mixing your resin**). **Important:** Allow the surface to dry completely before applying the resin.
2. Using a toothpick or squeeze bottle, slowly apply the mixture to the outer edges of the surface first, working toward the middle. Continue to fill the area with the resin until it rises up on the sides, creating the desired domed appearance. Overfilling will cause spills. Wipe up spills immediately using a soft cloth and isopropyl alcohol.
3. To remove an air bubble that has formed during application, place a toothpick in the bubble and draw it to the surface.

Curing the Resin

Room temperature cure: You can cure the resin mixture by allowing it stand at room temperature. It will be dry to the touch after sitting overnight, but a full cure takes 72 hours. While the resin is curing, protect the surface from dust and other airborne surface contaminants such as animal or human hair.

Heat cure: To heat-cure the resin mixture, follow the time chart below. Set the items on top of a toaster oven or similar low-temperature device, or under an incandescent light. **Designate all devices you use for heat curing as non-food use.**

Tip: When using a toaster oven, set the inside temperature to 350°F and stabilize for 10 minutes. Then reduce heat back to the minimum temperature before setting items to cure.

Tip: Monitor the heat cure area with a flat thermometer placed on the heated surface to avoid overheating the resin mixture.

Heat cure time chart:

6 Hours at 95° F

3 Hours at 120° F

2 Hours at 150° F

Important: Temperature must never exceed 150° F.

As the product is curing, check on it periodically to make sure no air bubbles have formed. To remove a bubble, place a toothpick in it and draw it to the surface.

Tip: A microwave oven will not work for heat curing.

Please Note: A yellow appearance to the hardener will not affect the finished color of your doming resin. This is a natural occurrence. Check the “use by date” to be sure your doming supplies are still usable.

See reverse for warnings and safety instructions.

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CAUTION: IRRITANT

This product contains the following chemicals that may be harmful if misused: aliphatic amines and nonylphenol.

Read cautions on individual containers carefully.

Conforms to ASTM D-4236

FIRST AID MEASURES

SKIN CONTACT: WASH WITH SOAP AND WATER

EYE CONTACT: IRRIGATE WITH

WATER FOR FIVE MINUTES;

CONSULT PHYSICIAN

INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR; CONSULT PHYSICIAN

INGESTION OF RESIN: INDUCE VOMITING IF LARGE AMOUNTS ARE INGESTED.

INGESTION OF HARDENER: DO NOT INDUCE VOMITING; CONSULT PHYSICIAN

KEEP OUT OF THE REACH OF CHILDREN.
PRODUCT NOT INTENDED FOR USE BY CHILDREN.

MADE IN USA

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