



Welcome to
UV Resin Crafting!



UV RESIN Using a Mold

SKILL LEVEL 1 | Less than 15 Minutes

TOOLS:

- (10627461) UVR UV Lamp White
- (10627494) UVR Tool Tweezers
- (10627491) UVR Tool Mixing Kit

MATERIALS:

- Silicone Mold
- Dried Flowers & Glitter Filler of Your Choice
- UV Resin

DIRECTIONS:



1 **PREP & POUR.** Make sure mold is clean, dry and free of dust. Pour UV Resin into the mold directly from the bottle, filling the cavity 1/3 of the way. **PRE-CURE** under the lamp for one minute. **OPTIONAL:** See "Tips & Tricks" section for mixing glitter or tints in this step.



2 **DESIGN.** Add additional glitters, flowers, or other design elements. Place them precisely with a wood stick. Take your time to move each element in place, making sure no air bubbles get trapped underneath. Keep in mind that the bottom-most part of the molded piece is the **FRONT**. Front-face your design and flowers towards the bottom of the mold.



3 **FILL.** Pour additional UV Resin, filling the mold cavity to the top, or to the depth you wish. Make sure any fillers you've added are placed at the right depth and are surrounded in UV Resin. The curing process can be repeated multiple times for a layered design.



4 **CURE.** Place mold under the UV-LED Lamp. One press of the button is 1 minute. We suggest a cure time of 2-3 minutes; longer for very large or very darkly tinted items. Alternatively, place item in direct sunlight. Refer to the Cure Time Chart for further timing information.



5 **DE-MOLD.** First, wait until the mold has cooled, about one minute. Pop your design out of the mold carefully. If still slightly tacky, cure the front side of the piece under the UV-LED Lamp for one more minute.

UV Resin Warnings:

- Read instruction sheet before use
- Keep out of reach of children
- For ages 15 and up
- Use with proper ventilation
- Wearing gloves is recommended
- Avoid direct contact with eyes, skin and clothing. Do not ingest.
- For craft use only
- Use caution when handling a mold or charm just recently cured. It will be hot!

UV Resin Cure Times:

Method	Cure Time
Blue Moon Studio™ UV-LED Lamp*	2-4 minutes
Direct Sunlight	10-15 minutes

Note: cure times can vary based on weather, humidity, additives in the resin and overall size of the piece
* recommended

UV Resin Tips & Tricks:

- Dealing with air bubbles:
 - UV Resin is best used at room temperature. If UV Resin has been stored in a cold temperature, allow it to come to room temperature before pouring.
 - Pour the UV Resin out in one long stream, without starting and stopping.
 - If mixing in tints or glitter, mix gently without “whipping” additional air into the mix.
 - Add flowers and other fillers carefully – air bubbles can get trapped underneath them.
 - If bubbles do appear, let the uncured piece sit for a few minutes to allow the bubbles to come to the surface. Pop the bubbles with a straight pin, coax, or scoop them out gently.
- Filling tips:
 - For clear designs, UV Resin can be poured directly from the bottle into a mold or charm. Alternatively, you can pour a small amount of UV Resin into a disposable paper cup or silicone mixing bowl sold separately and mix in tints or glitter before pouring into a mold or charm.
 - Adding tint is a great way to achieve different looks; Blue Moon Studio™ UV Resin tints should be added one drop at a time until the desired color is achieved. Tints sold separately.
 - If you accidentally pour too much UV Resin into a mold, or spill onto the mold, clean this up with a damp cotton swab or tissue before curing, to avoid any rough edges in your cast piece.
 - Add fillers in layers to get each element at the exact depth you want it. Adding fillers at different depths can add beautiful dimension to the finished piece.
- Curing tips:
 - For the smoothest surface, first pour a small amount of resin into the bottom of the mold about 1/3 full and cure under UV-Resin lamp for 1 minute.
 - If the piece is still slightly tacky after curing, cure for one additional minute under the UV-Resin Lamp or allow to sit on a sunny windowsill for a few minutes.
 - This product cures only with UV or LED Light, so it will not “dry” in the air. This gives you a lot of working time to place elements inside the UV Resin just right. Cure only when ready. This also means that any tools with UV Resin on them, or open bottles of UV Resin WILL cure if left near sunlight or UV Light. Keep the cap on tightly when not in use. Choose a work area that does not have any natural light, as this will start the cure process immediately.
 - Always use UV Resin with clear molds; otherwise the UV light cannot penetrate, and the piece will not cure.
 - Please note the addition of too much tint or other additives can prolong or disrupt the curing process.
- Finishing tips:
 - Pieces can be polished with extra fine sandpaper, starting at 400 grit and working up to 4000 grit. Always sand UV Resin wet and wear a mask – do not breathe in the particles!
 - Resin can be brushed on top of a cured piece and re-cured to achieve a glossy finish.
- Cleaning & Storage:
 - Keep the cap on tightly to keep UV light out.
 - Store in a cool, dry place. Do not store in direct sunlight.
 - Storage temperature is anywhere between 32 – 77 degrees.
 - Clean molds in warm, soapy water and allow to dry.
- Other UV Resin uses:
 - Use as a “glue” to adhere UV Resin pieces together; or to add metal findings onto them. As long as the light can hit it, the UV Resin will cure. If the light is blocked, it will not cure or dry.
 - Use as a hard, clear coating on multiple craft projects.