

PLAID®



# Resin

## Safety

Please be sure to follow **ALL** safety guidelines when crafting with resin.

Always read through the **SDS** (Safety Data Sheet) provided on [Plaidonline.com](https://plaidonline.com) before use:

<https://plaidonline.com/customer-service/safety-data-sheets/mod-podge>

Plaid is a proud member of the **ACMI** (Art and Creative Materials Institute), and as such, all of our products, including Mod Podge Resin, are evaluated in accordance to the ASTM D-4236 guidelines. All products are labeled as required by the standard, and are deemed safe when used as directed.

Resin/Hardener in their uncured liquid state are toxic. When the two parts, liquid resin and liquid hardener, are mixed correctly and cured, they are non-toxic. As the liquid mixture is curing, it creates a chemical reaction, so it is important to wear proper **PPE** (Personal Protective Equipment) during all phases of crafting with resin/hardener.

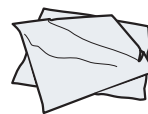
**Always** work in a well-ventilated area. Some examples of a well-ventilated area are outside, in a garage with the doors open, or in a room with windows open and good circulation of fresh air.

# Supplies

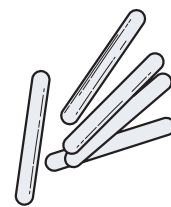
- Measuring cups and mixing cups
- Craft sticks or small dowel rods
- Butane torch, heat gun, hair dryer, or 91% rubbing alcohol
- Timer
- Silicone mat, wax paper, or plastic sheeting to cover your work space
- Wipes and paper towels



MEASURING AND MIXING CUPS



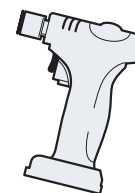
WIPES AND PAPER TOWELS



CRAFT STICKS OR SMALL DOWEL RODS



TIMER



BUTANE TORCH



SILICONE MAT

# PPE

## Personal Protection Equipment

- Always wear a respirator to protect yourself from the resin's fumes. Make sure it is a NIOSH approved respirator, with an organic vapor cartridge (OV).
- Always wear impermeable protective gloves such as nitrile or neoprene gloves. (Do not use latex gloves.)
- Always wear impervious protective clothing to prevent skin contact and/or damage to your clothes. Resin/Hardener can cause skin irritation in some people.
- Always wear chemical safety goggles or safety glasses to protect your eyes when working with resin/hardener.

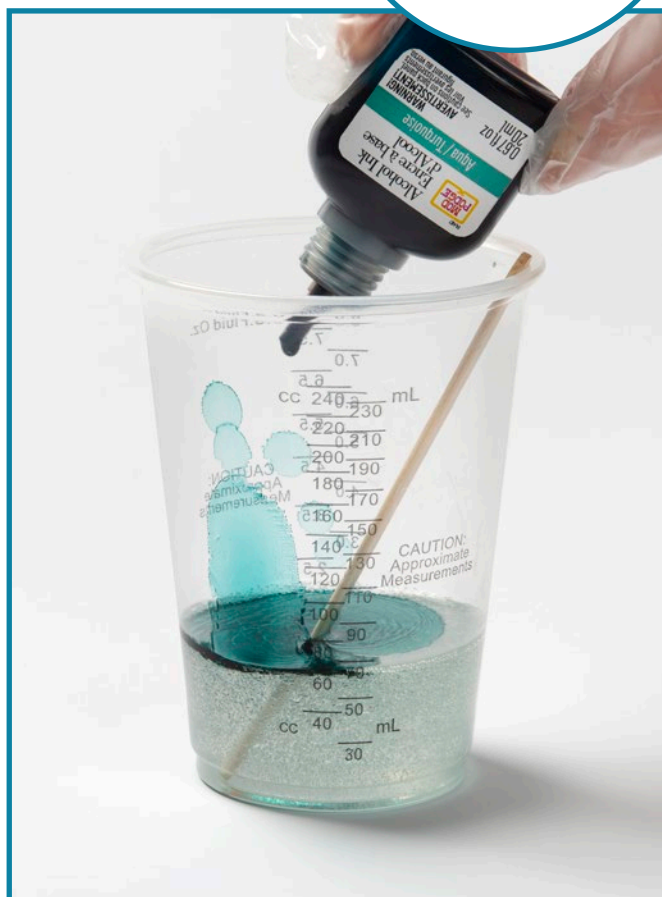
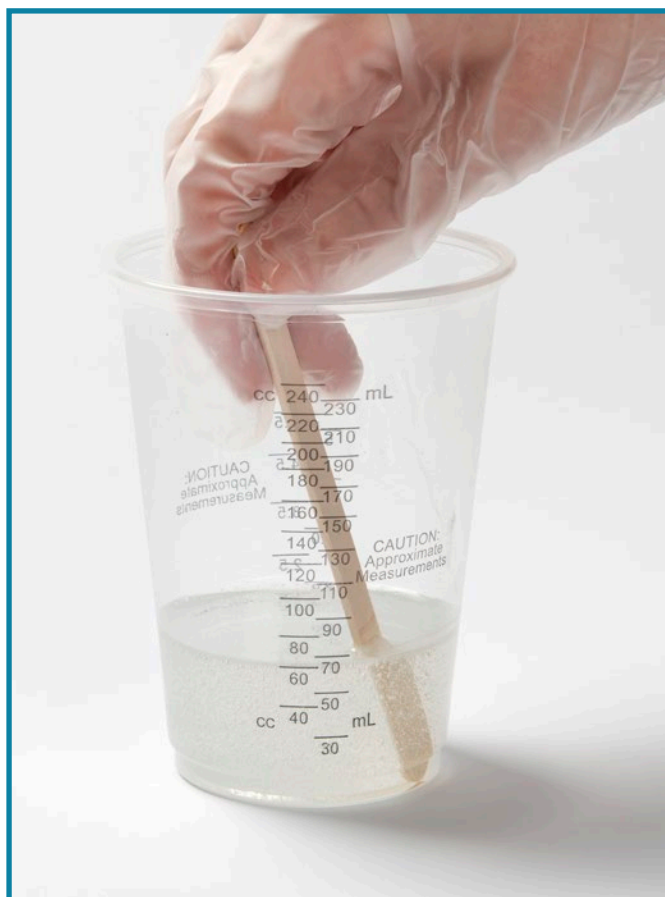


# Process

- Follow all safety measures stated above.
- Mix a 1:1 ratio of Resin(1) and Hardener(2). Be mindful of the amount of resin you need to mix to fill your mold or to cover your project.
- Mix slowly for 3 minutes. Be sure to scrape the sides of your cup for equal mixing.
- Let your mixture rest for 2 minutes.
- Remove any air bubbles with a torch. Keep the torch moving.
- Personalize your project by adding alcohol ink, paint, glitter, flowers, and more!



**Tip:**  
Add no more than 5% colorant to resin ratio for proper curing





# Tips

## Things to remember:

- Work on a level surface area at a warm temp of 70 degrees or higher.
- Open time for working with Mod Podge Resin is 30-40 minutes.
- You can demold your project in 24 hours.
- The full cure time for your project is 3-7 days.
- The shelf life of Mod Podge Resin if unopen is 1 year. If it has been opened it is 6 months.
- Make sure to store your Mod Podge Resin in a warm environment, somewhere between 60-70 degrees. Also, be sure to store in original packaging.
- See our FAQs video for more information.



<https://www.youtube.com/watch?v=z52Thck8fT8>



<https://www.youtube.com/watch?v=1u6XFisJnho>



<https://www.youtube.com/watch?v=RoJzDF6PSE>