




Epoxy Coating System  
for Artists & Craftspeople



## Beginners Notes

This product provides professional results when applied correctly. Take your time, and be aware of these common problems often encountered by first time users.

- Always make sure that your mixing container is clean and your measuring device is accurate, this product **REQUIRES** that you mix at a 1 to 1 ratio by volume, any variances from this can cause the UVPOxy® to stay soft and not fully cure.
- This product requires **THOROUGH** mixing, typically between 2 to 3 minutes of mixing without excessive whipping of the mixture (whipping will introduce air bubbles into the epoxy).  
Beginners should never attempt to mix more than 4 liters total per batch, 2 liters per batch is suggested until you are comfortable with how the product works.
- After the two components are poured together and stirring begins, the mixture will turn a cloudy white color, this represents areas in which the epoxy has not fully combined. You must continue to mix until all signs of cloudiness and tiny white lines have completely disappeared (typically takes 2 - 3 minutes of thorough mixing).
- Always scrape the sides of your mixing container and also the stick during the 2 - 3 minutes of mixing. If **UNMIXED** epoxy remains on the side of the container or the stick, it will cause wet spots on your finished product.
- While pouring UVPOxy® onto a surface, **NEVER** scrape the container to remove every last drop. No matter how thorough you mix, there will always be an unmixed drop on the side of the container that will leave a wet spot.



Gloves required



Mix ratio 1:1



Mix 2 - 3 minutes



Add pigment if desired



Mix the pigment thoroughly



Pour your UVPOxy®

## Application Instructions

**Mix Ratio:** 1:1 by volume

**Working Time:** 30 - 40 minutes

**Tacky to Touch:** 4 - 10 hours\*

**Set to Touch:** 10 hours

**Full Cure:** 48 hours

**Note:** Above times based on 1/16" coating. Individual project times may vary depending on ambient temperature, humidity, and coating thickness. Recommended coat thickness 1/8" per layer.

**Working Temperature:** Resin, project surface and workspace temperatures should be 20 - 25°C (68 - 77°F)

**Storage Temperature:** 15 - 25°C (60 - 77°F)

**Clean Up:** Wipe tools and spills with a clean rag and isopropyl or denatured alcohol.

\*During this time, a second coat can be applied without the need to sand the surface. Additional preparation is required if more than 10 hours have elapsed from time of mixing. Lightly sand the entire surface with 220 grit sandpaper until glossy finish has been removed. Remove all sanding dust and wipe down entire surface with isopropyl or denatured alcohol to remove contaminants.

**Caution:** Avoid contact with skin and eyes. In event of skin contact, rinse thoroughly with water. In event of contact with eyes, rinse with water for 15 minutes and seek medical attention. Do not ingest. If ingested, seek medical attention immediately. Do not induce vomiting. While UVPOxy® has been formulated to resist yellowing, it is not recommended for permanent outdoor applications.

**Mixing Instructions:** In a clean, dry container; combine (by volume) 1 part resin with 1 part hardener, and mix thoroughly for 2 - 3 minutes.

**Note:** Working area should be clean & dry, and free of dust and insects. Settling dust can cause blemishes on the glossy surface.

**Step 1 - The Seal Coat** is brushed on in a thin layer, sealing any pores in the surface and preventing air bubbles from forming in the following flood coat(s). (This step is necessary only when using porous materials)

**Step 2 - The Flood Coat** will flow and self-level. Spread UVPOxy® evenly over the surface using the 1/4" notches of EcoPoxy's notched spreader. Resulting thickness will be approximately 1/16". Thickness may vary depending on application technique.

**Surfaces:** Wood, metal, concrete, granite, copper, stainless steel, laminate, formica, bamboo, leather, ceramic, fiberglass, plastic, rocks, artwork, photos, seashells, fabrics, paper, dried plants & much more.