

INSTRUCTION AND GUIDELINES

The SQUID-SEAL was developed and formulated for sealing table tops & bar tops or any wood table project. You can also use this resin to seal paint canvas and art projects. **To be poured under ¼ inch thickness (this is not a CASTING RESINS , please see our other products for this)**

1.DRY TIME !

Dry times vary greatly due to the circumstances of the poured area such as temperature, humidity levels, temperature of the product and thickness of the pour. In ideal lab temperatures this resin cures between 8-10 hours for thin pours. Please remember this is a SEALING resin and the viscosity is high meaning extremely thick, however it still does self level quite well.

2.MIXING RATIO'S

First off, It's extremely important to measure out the ratio's by volume and not weight! It's ALWAYS 1:1 Ratio (1 part A for 1 part B) never add more hardener, it will not cure properly.

(Small exercise : 100ML A FOR 100 ML B) 😊 Good Job!

3. MIXING

Woodworkers and craftsman's prefer to use a stir stick when mixing, this is fine but note that you should properly stir and mix for a minimum of 5 minutes and stir well, the more the better! We always do recommend mixing with a drill and small mixer on slow speed however to avoid any uncured materials. it is very common for bad mixes to happen because it was not mixed thoroughly or long enough. **PLEASE NOTE that mixing will create bubbles and micro bubbles, you can use a heat source or lightly torch the surface to remove any air bubbles from the resin after it's laid out.**

4. FREEZING

If you were unlucky and received your shipment during our winter months and it was put on your doorstep. If product froze do not panic! just put the gallons in hot water for 30 minutes each and let them come back to room temperature.

5. IDEAL POUR TEMPERATURES

Ideal pouring temperatures are room temperatures of 22 degrees and 30% or less humidity levels. It's OK if you do not have these temperatures BUT you need to be aware that drying time and full curing time will vary greatly. Lower temperatures will take longer to cure and higher temperatures will speed the curing process but can also create exothermic heat and shrinkage so you want to be careful! **Never pour under 15 degrees Celsius.**

6. UV-STABILITY

There's a huge difference between UV-RESISTANT and UV-PROOF, all epoxies on the market will discolor and amber over time in direct sunlight. Companies will use this as an advertising scam claiming it's 100% non yellowing. Some formulations have UV additives in them such as our SQUID-CAST product that makes it much more resistant to UV rays when clear. Our SQUID-SEAL is and does have UV-RESISTANT properties but for so long.

7. EXOTHERMIC HEAT

Is a reaction between both components when mixed together in bigger quantities they tend to heat up extremely fast, smoke up and bubble on you! That is why we have developed 3 different product lines for specific casting purposes. Make sure you have the proper one for your project! The SQUID-SEAL is not MEANT to be poured THICK or else this will happen