

# Lucid Craftsman Epoxy Resin

## Instructions & Warnings

### **SPECS:**

Viscosity: Thick

Odor: Low

Gloss: High

UV resistance: Excellent

Second Layer: 6-8 Hours

Touch: 12-14 Hours

Sandable: 24-72 Hours

Working Time: 40-45 min

**Best Use:** Table Tops, Bars, Wood finishes, See-Through Encapsulations, Art, Tumblers, Abstract, Top Coats

**Maximum Pour Depth:** 1/8" - If depths thicker than 1/8" are desired multiple coats are necessary. You must wait at least 6 to 8 hours between coats.

**Viscosity:** Lucid Epoxy is a thicker viscosity formula specifically designed this way to hold color for longer and create a thick layer resulting in fewer total layers needed.

**Bubbles:** Lucid Epoxy is on the thicker side, which can be tricky with bubbles, but as long as your epoxy is kept at 70 to 75 degrees or heated before mixing it's easy to pop any remaining bubbles with a torch after it's laid out.

**Cure Time:** Lucid Epoxy is dry to the touch and ready for a second coat in 6 to 8 hours, and fully cured after 30 days.

**Finish Type:** Tough, High Gloss, Water Resistant Coating

**Heat:** Lucid Epoxy can withstand heat up to 500 Degrees F, meaning an object that is 500 degrees will not melt/damage epoxy if it was mixed and cured properly.

**Food Safe:** When mixed and cured properly, Lucid Epoxy meets FDA standards for food safety.

**PPE while using:** Lucid Epoxy is a no VOC formula, but like with any epoxy, you should use gloves, masks, safety glasses, and clothing that covers any exposed skin. Also, use in a well-ventilated area and research before using epoxy on all risks associated with epoxy use.

## INSTRUCTIONS

### **Step 1: Measure**

Pour equal parts of resin and hardener into a clean mixing container or graduated mixing tubs, using a 1:1 ratio (by volume) It is crucial that the product is measured accurately and mixed thoroughly. Measure 1 part RESIN to 1 part HARDENER by volume. Do NOT vary this ratio. Our Epoxy is formulated to cure at a specific mixing proportion, and any variances can cause the product never fully to cure. We recommend always pouring the HARDENER into your mixing container first, followed by the RESIN. This will help the two components mix thoroughly.

### **Step 2: Mix**

**First Mix:** Mix with a flat bottom stir stick or spatula being sure to scrape the sides and bottom of the container as you go. Your mixture will appear hazy at first, and then become more transparent as the resin and hardener molecules begin to blend within three to five minutes.

**Second Mix:** Pour the Resin and Hardener from your first container into a second container scraping all the mixture out from the sides and bottom of the cup. Thoroughly mix for an additional three minutes.

### **Step 3: Flood Coat Stage**

Each flood coat self-levels at approximately 1/8" thick. If depths thicker than 1/8" are desired multiple coats are necessary. You must wait at least 6 to 8 hours between flood coats. The epoxy will still be tacky so the next pour will stick to it.

The best way to apply the flood coat is to start on one end and pour the resin the entire length of the surface, zigzagging as you go. After you are finished pouring, set the container down. Do NOT try to scrape anything else out of the bucket. The material will start to flow out. You can use your hand (with gloves on) or a spreading tool to spread the epoxy out on the surface.

### **Step 4: Remove Air Bubbles**

Once you have sufficiently covered the entire surface with your flood coat, you will begin the process of popping air bubbles. The best tool for removing bubbles is a small propane torch. Hold the flame approximately 6 to 10 inches away from the table top and quickly sweep across the entire surface using an ironing motion. You will immediately see the bubbles start to pop. Do this until all the bubbles are gone from the surface of your table.

\* After pouring your epoxy, it is common for air bubbles to form. Bubbles can continue to develop for up to 60 minutes after the curing process has begun. The most efficient way to get rid of them is to run a blowtorch over the surface sporadically 10 - 15 min at a time.

### **Step 5: Curing Process**

After applying your final coat, the product should be kept in a clean, dust-free environment at a minimum of 75-80° F degrees. The product takes approximately 12-16 hours to dry to the touch. However, the product should not be put into any use for at least three days which will allow it to achieve sufficient hardness to resist scratching. At temperatures below 75 F, the product will take longer to cure and might not cure to complete hardness.

## **WARNINGS & SAFETY**

#### **CAUTION:**

Skin & Eye irritants. May produce allergic reactions by ingestion/inhalation. KEEP AWAY FROM CHILDREN. Use in a well ventilated area. Observe all precautions. Use Mask, Gloves, Goggles and Long Clothing. See SDS sheet on our website.

#### **EYE CONTACT:**

Remove contact lenses, if any, & flush eyes with water for 15 minutes. Hold eyelids open to ensure complete flushing. CONTACT A PHYSICIAN IMMEDIATELY.

#### **SKIN CONTACT:**

Remove contaminated clothing & shoes. Wipe excess from skin and flush with water. Then wash with soap & water. If irritation occurs, GET MEDICAL ATTENTION. Do not reuse clothing until cleaned. Leather articles cannot be decontaminated and should be destroyed to prevent reuse.

#### **INHALATION:**

Leave the area to obtain fresh air. If breathing has stopped, give artificial respiration then oxygen if needed. If symptoms continue, GET MEDICAL ATTENTION.

#### **INGESTION:**

CALL A PHYSICIAN IMMEDIATELY or Local Poison Control Center. If the patient is conscious, give 12-16 oz. of water for dilution effect only. Do not give anything by mouth to an unconscious or convulsing person.

#### **Poison Control**

Call - (800) 222-1222

MSDS Available on our Website

[www.lucidgrip.com](http://www.lucidgrip.com)