TECHNICAL DATA SHEET

CRYSTAL GLUE FX-5003

CRYSTAL GLUE RESIN

- PRODUCE NAME : Crystal Clear Resin
- PRODUCT CODE : FX-5003
- SIZE : 128oz / 1 gallon
- RATIO : 3:1

Use our clear epoxy resin for all of your casting AND coating applications. Cures crystal clear and hard as a rock. Can be used as either a coating for tables, bars, wood, canvas paintings, etc. or cast in a suitable mold.

FEATURES

- ✓ Odor free, Voc free, BPA free
- ✓ UV Resistant

TEST REPORT

Test Item	Test Method	Test Result
BISPHENOL A	Solvent Extraction, Analysis was performed by LC/MS/MS	n.d
PHENOL	Solvent Extraction, Analysis was performed by GC-MS.	n.d

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PRODUCT DATA

Crystal Clear Resin	
Part A & B	Colorless
Mixed	Clear, transparent
Ratio	3 : 1

STORAGE CONDITION & SHELF-LIFE

- 24 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +25°C.
- Protect from direct sunlight.

APPLICATION INSTRUCTIONS

- Setup: Find a well-ventilated, dust free area to set up your resin pour. The temperature should also be mild (in the 70s or 80s) for best results. Lay down a plastic drop cloth to protect your table and/or floor. You should also have rubber gloves, protective eyewear, paper towels, mixing sticks (wood and plastic work well), plastic cups for mixing, measuring cups (optional), and your prepared mold (optional), a foam brush (for table coatings only) and lacquer thinner (for cleanup).
- Keep in mind; it's always better to have a little extra resin left over than it is to have to mix up another batch of it mid project.
- Pour equal parts resin and hardener into two cups and then pour those two cups into a third mixing cup.
- From here you should quickly pour your resin into your mold, onto your canvas or table, etc. Cover your work with a drop cloth, plastic bin, cardboard box etc. to keep dust off of it. Come back in 5 minutes to check for air bubbles and if necessary, use a torch or heat gun on low in a sweeping motion about 8 inches from the resin to pop the bubbles. For smaller castings, bubbles can be popped with a toothpick.
- Your finished casting can be removed from the mold after 24 hours.

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TABLE/BAR COATING SPECIFIC INSTRUCTIONS

Place a drop cloth underneath table or work area and verify that the table is level.
Wipe the table top off with a damp rag and allow it to dry completely

- Let cure for 6 hours.
  Create a barrier of masking tape or painter's tape around the edges of the table top if the top doesn't have a raised rim of its own.
  Press the tape in place around the entire table top with the tape sticking up at least half an inch.
- Place the objects you wish to trap in the resin on the table top surface.
- Keep in mind that pouring the resin may move objects so you should affix light objects like photos with a glue stick.
- Mix enough resin to create a thin coating at a maximum thickness of 1/4" (use the chart below as a guide).
- After sanding, wipe down the surface with a solvent such as denatured alcohol or acetone.
- Note: Larger pours may require mixing for 5-6 minutes and it is recommended to not mix more than 1 gallon at a time.
  Pour a thin layer of the resin mixture onto the top, pouring it slowly in a thin stream onto the center of the top.
- After a few minutes air bubbles may rise to the surface, use a propane torch (on low flame) to blow the bubbles out.
- Hold the torch approximately 8 inches from surface and use a gentle sweeping motion across the surface until the bubbles are gone.

- Coating Coverage (for bar/table coating and resin paintings):
  - 16 oz coats approximately 3 sq. feet @ 1/16" thick
  - 32 oz coats approximately 6 sq. feet @ 1/16" thick
  - 64 oz coats approximately 12 sq. feet @ 1/16" thick
  - 1 gallon coats approximately 24 sq feet @ 1/16" thick
  - 2 gallon coats approximately 48 sq. feet @ 1/16" thick

HEALTH AND SAFETY INFORMATION

- For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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