

TECHNICAL DATA SHEET

System Name: PureEpoxy Ultra-Clear Arts & Crafts Epoxy Resin (2-Component, 3:1 Ratio)

Product Description

Ultra-Clear Arts & Crafts Epoxy Resin is a premium two-component epoxy system specially formulated for artists, DIY creators, and handmade enthusiasts. Designed with excellent transparency, smooth flow, and self-leveling performance, this resin creates a crystal-clear, high-gloss finish for various creative applications. The advanced formula provides excellent clarity, UV resistance, and long-lasting surface protection, helping finished artwork maintain its brightness and reduce yellowing over time. With an easy 3:1 mixing ratio, low odor formulation, and user-friendly operation, this epoxy resin is ideal for resin art, jewelry making, silicone mold projects, decorative crafts, wood coating, and creative DIY applications. Whether you are creating handmade accessories, preserving decorative elements, or designing personalized artwork, this resin delivers a smooth and professional finish.

Features

Crystal Clear Transparency / High Gloss Self-Leveling Finish / Excellent UV Resistance / Bubble Reduction Technology / Easy 3:1 Mixing Ratio / Low Odor & Low VOC

Properties

Parameter	Specification
Product Type	Two-Component Clear Epoxy Resin System
Components	Resin A + Hardener B
Mixing Ratio	3:1 (By Weight)
Appearance	Crystal Clear / Water-like Transparency
Surface Finish	High Gloss, Smooth & Non-Porous
Working Time	Approx. 40 Minutes
Full Cure Time	Approx. 24 Hours
UV Resistance	Excellent UV Stability
Odor & VOC Content	Low Odor, Low VOC Formula

Product Applications

- **DIY Crafts:** Keychains, Coasters, Bookmarks, Decorative items, Personalized gifts
- **Resin Art:** Abstract resin artwork, Decorative panels, Creative designs, Handmade art projects
- **Jewelry Making:** Earrings, Pendants, Bracelets, Small accessories
- **Silicone Mold Projects:** Small decorative molds, Handmade ornaments, Creative casting projects
- **Surface Coating:** Wood, Canvas, Glass, MDF board, Photos

Directions for Use

- **Step 1: Surface Preparation** - Make sure the surface is clean, dry, and dust-free.
- **Step 2: Measure Components** - Measure Resin A and Hardener B according to 3:1 Mixing Ratio (By Weight).
- **Step 3: Mix Thoroughly** - Slowly stir the mixture in one direction for 3-5 minutes.
- **Step 4: Rest & Defoam** - Allow the mixed resin to rest for several minutes to let bubbles release.
- **Step 5: Add Pigment (Optional)** - Add resin pigment, mica powder, or decorative materials.
- **Step 6: Pour & Cure** - Apply onto prepared surface or mold. Working Time: Approx. 40 Minutes, Full Cure: Approx. 24 Hours.

FAQ

Q1: What can Arts & Crafts Epoxy Resin be used for?

This epoxy resin is designed for DIY crafts, resin art, jewelry making, silicone mold projects, decorative coating, wood, canvas, glass, MDF boards, and photo protection.

Q2: How can I reduce bubbles in my epoxy resin project?

Mix slowly in one direction and allow the mixed resin to rest for several minutes before application.

Q3: Can pigments be added to this resin?

Yes. Resin pigments, mica powders, and epoxy-compatible decorative additives can be mixed into the resin.

Q4: How long does the resin take to cure?

The working time is approximately 40 minutes, and full curing normally takes around 24 hours at room temperature.

Q5: Is this product suitable for river tables or deep casting?

No. It is not a deep pour epoxy resin for river tables or large casting projects.

Q6: Is this epoxy resin safe for indoor craft projects?

The product features a low odor, low VOC formulation. Proper ventilation and protective gloves are recommended during use.

Disclaimer

Since the conditions of use and applicable laws may vary from place to place and from time to time, customers are responsible for determining whether the products and product information in this document are suitable for customers to use, and ensuring that their workplaces and methods of handling products comply with applicable laws and other government regulations.