



SAMRAT POLY RESINS

Manufacturer of Coating & Composite Resins · Doraha, Ludhiana, Punjab, India

TECHNICAL DATA SHEET

Doc. Ref: SPR-TDS-EAR · Rev. 01 · July 2026

EPOXY ART RESIN

Two-Component Art & Craft Epoxy · Water-Clear, Self-Levelling · UV Resistant

PRODUCT DESCRIPTION

Epoxy Art Resin is a crystal-clear, two-component epoxy system formulated for artistic and decorative applications. Mixed 2:1 and curing in around 24 hours, it offers excellent transparency, superior gloss, outstanding self-levelling properties and excellent bubble release for a flawless finish, with UV resistance for long-lasting clarity and colour stability.

KEY FEATURES

- Water-clear, high-gloss finish
- 2:1 mix ratio, 24-hour cure
- Self-levelling with excellent bubble release
- UV resistant — long-lasting clarity
- Excellent colour stability for artistic work

RECOMMENDED APPLICATIONS

- Floor art and table tops
- River tables and wood art
- Jewellery and decorative casting
- Coasters, geodes, trays and canvas art

TYPICAL TECHNICAL PROPERTIES

Resin Type	Epoxy, two-component system
Composition	Bisphenol-A & epichlorohydrin based
Grade	Art & craft grade
Colour / Appearance	Water clear
Finish	High gloss
Mix Ratio	2:1 (resin : hardener by weight)
Curing Time	Approx. 24 hours (25 °C)
Flow Behaviour	Self-levelling, excellent bubble release
UV Resistance	UV stabilized, resists yellowing
Viscosity	900–1200 cPs (mixed @ 25 °C)
Pot Life	40–45 minutes (100 g mix @ 25 °C)
Max Casting Depth	30 mm per pour
Specific Gravity / Density	1.10 g/cm ³
Shelf Life	12 months (unopened)
Storage Temperature	20–30 °C
Packaging	15 kg pack
Minimum Order Quantity	100 kg

SAFETY & HANDLING

Follow standard industrial safety practices when handling this product, including appropriate personal protective equipment and adequate ventilation. Refer to the applicable Safety Data Sheet (SDS) where available.

Disclaimer: The information above is based on data published by the manufacturer at the time of issue and is believed accurate. Values shown are typical and are not to be interpreted as guaranteed specifications; properties may vary within normal manufacturing tolerances between batches. Users are responsible for determining suitability for their intended application and should confirm current specifications directly with Samrat Poly Resins prior to use.