

Epoxy Resin – Technical & Safety Data Sheet

Product Details

- Brand: Haksons Resin
- Product Name: Epoxy Resin Kit
- Type: Two-Part Epoxy System
- Components: Part A (Resin) + Part B (Hardener)
- Color: Clear / Slightly Yellow (Varies by batch)
- Hardness: Approx. 80D (after curing)
- Curing Time: 12 to 24 Hours (Full cure depends on ambient temperature and thickness)
- Mix Ratio: 1:1 by weight or volume (e.g., 100g Resin + 100g Hardener)
- Packaging: Varies – commonly 1Kg (500g Part A + 500g Part B)
- Form: Liquid
- Applications: Art, Jewelry, DIY crafts, Casting, Coating, Tabletop finishing
- Purity: 99%
- Grade Standard: Industrial Grade

Key Features

- Crystal clear finish after curing
- High gloss and durable surface
- Self-leveling properties
- Excellent adhesion to various substrates
- UV resistant (varies by formulation)
- Suitable for high-detail casting and coating applications

User Instructions

Safety Precautions:

- Use gloves and safety goggles
- Work in a well-ventilated area
- Avoid skin contact and inhalation of fumes

Preparation:

- Ensure the working area is clean, dry, and dust-free
- Use a mold release agent or Vaseline to coat molds if necessary

Mixing:

- Mix equal parts of Part A (Resin) and Part B (Hardener) by weight or volume
- Stir slowly and thoroughly for 2–3 minutes to avoid bubbles

Pouring:

- Slowly pour the mixture into the mold or surface from one side
- Avoid pouring too quickly to reduce air bubble formation

Curing:

- Let the cast or coated piece sit undisturbed for 12–24 hours
- Allow full cure in a dust-free, temperature-controlled area

Removing & Storage:

- Carefully demold after curing using soft tools
- Store unused resin and hardener in tightly sealed containers
- Keep in a cool, dry place away from sunlight and moisture