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## EPOXY RESIN168

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### Product Description:

Resin 168 is a premium, high-performance, non-yellowing epoxy resin designed for applications requiring superior clarity and durability. This advanced resin is specially formulated to maintain its pristine, clear finish over time, even when exposed to UV light and environmental conditions. Resin 168 offers exceptional adhesion, resistance to yellowing, and excellent mechanical properties, making it ideal for coatings, casting, and composite applications in demanding environments. Its superior formulation ensures long-lasting performance, preserving the aesthetic quality of the surface without discoloration.



### APPLICATION INSTRUCTIONS

#### **Mixing:**

- Mix the resin and hardener in the ratio specified by the manufacturer (typically 15kg epoxy and 5kg hardener by volume).

#### **Application Method:**

- Apply the mixed resin by casting depending on the desired finish and thickness.

#### **Curing Time:**

- Allow the epoxy resin to cure according to the manufacturer's instructions. Curing typically takes 24–48 hours at room temperature for full hardness.



### Health and Safety:

- **Precautions:** Wear gloves and eye protection, ensure good ventilation, and avoid skin and inhalation contact.
- **Storage:** Store in a cool, dry place, away from sunlight and children.

### Technical Details

- **Color:** clear
- **Viscosity:** Medium to high
- **Mixing Ratio:** 3:1
- **Curing Time:** 24–48 hours (depends on temperature and thickness)
- **Temperature Range:** Suitable for use in temperatures between 10°C (50°F) and 30°C (86°F)
- **Storage:** Store in a cool, dry place, away from heat and moisture.



### Uses:

- **Flooring Systems:** Ideal for creating durable, high-performance floors
- **Casting:** Ideal for casting applications where clarity and aesthetic appeal are important, such as jewelry making, art, and decorative items.
- **Clear Coatings:** Provides a high-gloss, durable finish for countertops, tabletops, and furniture, maintaining clarity over time without yellowing.



### Quality & Durability:

**High Durability:** Offers long-lasting protection and resistance, **long lasting time** to change in color

**Excellent Adhesion:** Bonds effectively to a wide range of substrates, including metal, wood, concrete, and glass.

**Strong Finish:** Epoxy resin provides a hard, smooth, and glossy finish that enhances the aesthetics and functionality of the applied surface.