Visit us on : http://www.dimapchem.com/

EMAIL: Info@dimapchem.com

ALL PRODUCTS EXAMINED BY GFC LAB-ITALY

EPOXY RESIN165

Product Description:

Epoxy Resin is a high-performance, versatile material used in various industrial and commercial applications. It is a two-component system consisting of epoxy resin and a hardener, which when mixed together, form a durable, strong, and chemical-resistant surface. Epoxy Resin is known for its excellent adhesion, resistance to wear, and ability to provide a glossy, smooth finish. It is widely used in flooring systems, coatings, adhesives, and composite materials.

APPLICATION INSTRUCTIONS

Mixing:

- Mix the resin and hardener in the ratio specified by the manufacturer (typically 20kg epoxy and 10kg hardner by volume).

Application Method:

- Apply the mixed resin by casting

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:** 20kg epoxy and 10kg hardner
- **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.

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.

Uses:

- **Flooring Systems:** Ideal for creating durable, high-performance floors

- **Coatings:** Provides protective coatings for tables, offering excellent resistance to chemicals, moisture

- **Adhesives:** Used as a bonding agent for various substrates, providing strong and lasting bonds.

- **Composite Materials:** Integral part of manufacturing composite materials for construction, automotive, and aerospace industries.