

**IMT-CE08-9FR**  
**POTTING & CASTING EPOXY**

Two years from date of manufacturing when stored in tightly closed & sealed packaging.

**PRODUCT DESCRIPTION**

IMT-CE08-9FR Potting & Casting Epoxy is a two components, non-solvent, room temp cure paste formulated for electrical related devices that require UL94-V0 flammability requirement. This epoxy possesses good adhesion strength, non-blushing and cure around 2.5hours at room temp.

**ADVANTAGES**

- Excellent chemical & solvent resistance
- Low exothermic heat
- Comply to RoHS3 & Halogen Free
- Meet UL94-V0 flammability test
- Self leveling

**USES**

- Setting material for medium to thick layers.
- Suitable for use as potting and casting material.
- Suitable for use in aggressive or warm environment.
- Suitable for use in electrical, industrial, oil & gas and marine applications.

**PACKAGING**

1.75Kg set consists of the followings:  
Part A Resin = 1.0Kg per 1L metal can  
Part B Hardener = 0.75Kg per 1L metal can

10.5Kg set consists of the followings:  
Part A Resin = 6.0Kg per 5L metal can  
Part B Hardener = 4.5Kg per 5L metal can

Other packing type & size would subject to order quantity & availability.

**WORKING LIFE**

Approximately 60mins after mixing Part A and Part B homogenously. It is difficult to apply epoxy adhesive beyond 60mins.

**SHELF LIFE**

**TYPICAL PROPERTIES**

<b>Color</b>	Black
<b>Consistency</b>	Flowable paste
<b>Specific Gravity</b>	1.64
<b>Operating Temperature</b>	-20°C to +90°C
<b>Curing Properties @Ambient</b>	
<b>Initial Cure (touch dry)</b>	2.5hours
<b>Final Cure</b>	1 to 3days
<b>Shore D Hardness</b>	D86
<b>Mix Ratio (by weight)</b>	100:75

**APPLICATION GUIDELINES**

**SURFACE PREPARATION:** All surfaces in contact with epoxy must be free of oil, grease, contaminants, dry and roughened to ensure a good bond.

**MIXING:** Weigh and mix Part A resin & Part B Hardener in metal can or glass jar. Mix for a few minutes thoroughly by hand with a spatula until obtaining a homogeneous mix.

**THINNING:** Never thin.

**APPLICATION:** The premixed paste is applied with a spatula or pour onto clean & dry surfaces. A layer of around 0.5 to 20.0mm thickness, depending on surface flatness and depth. For bonding application, an even contact pressure throughout the joint area are required to ensure sufficient adhesion strength.

**CLEAN UP:** All tools and equipment must be cleaned with acetone or isopropyl alcohol or M.E.K. before material hardens.

**FIRST AID:** In case of skin contact, wash immediately with plenty of soap and water.

**CAUTIONS:** Please refer to product SDS for proper handling, storage, disposal, health, safety and environmental recommendations.

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