

IMT-CE08-8W
POTTING & CASTING EPOXY

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

PRODUCT DESCRIPTION

IMT-CE08-8W Potting & Casting Epoxy is a two components, non-solvent, room temp cure paste formulated for potting & casting applications. This epoxy possesses good adhesion strength, self leveling, non-blushing and cure around 2.5hours at room temp.

TYPICAL PROPERTIES

Color	Light beige
Consistency	Flowable paste
Specific Gravity	1.726
Operating Temperature	-20°C to +90°C
Curing Properties @Ambient	
Initial Cure (touch dry)	2.5hours
Final Cure	1 to 3days
Shore D Hardness	D89
Mix Ratio (by weight)	100:75

ADVANTAGES

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

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.

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.

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.

PACKAGING

2.45Kg set consists of the followings:
 Part A Resin = 1.4Kg per 1L metal can
 Part B Hardener = 1.05Kg per 1L metal can

12.25Kg set consists of the followings:
 Part A Resin = 7.0Kg per 5L metal can
 Part B Hardener = 5.25Kg per 5L metal can

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.

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

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

WORKING LIFE

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

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

SHELF LIFE

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

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