

IMT-CE08-8
EPOXY ADHESIVE

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

PRODUCT DESCRIPTION

IMT-CE08-8 Epoxy Adhesive is a two components, non-solvent, room temp cure paste formulated to bond a wide variety of metals, ceramics, glass, plastics and concrete. This epoxy adhesive possesses good adhesion strength, non-blushing and cure around 2hours at room temp.

TYPICAL PROPERTIES

Color	Black
Consistency	Medium viscosity liquid
Specific Gravity	1.717
Operating Temperature	-20°C to +90°C
Curing Properties @Ambient	
Initial (touch dry)	2hours
Final Cure	12 to 18hours
Shore D Hardness	≥ D80
Mix Ratio (by weight)	2:1

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 adhesive must be free of oil, grease, contaminants, dry and roughened to ensure a good bond.

USES

- Setting material for thin to medium layers.
- Suitable for use as potting and casting material.
- Suitable for use in aggressive or warm environment.
- Suitable for use in 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

2.1Kg set consists of the followings:
Part A Resin = 1.4Kg per 1L metal can
Part B Hardener = 0.7Kg per 1L metal can

10.5Kg set consists of the followings:
Part A Resin = 7.0Kg per 5L metal can
Part B Hardener = 3.5Kg per 5L metal can

APPLICATION: The premixed liquid 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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