

IMT-CE08-6
FAST CURE EPOXY ADHESIVE

PRODUCT DESCRIPTION

IMT-CE08-6 Fast Cure Epoxy Adhesive is a two components, non-solvent, room temperature cure paste formulated to bond a wide variety of metals, ceramics, glass, plastics and concrete. This epoxy adhesive possesses excellent adhesion strength and fast cure of around 10-15mins at room temperature.

ADVANTAGES

- High adhesion strength
- Room temperature cure in about 10 to 15mins
- Comply to RoHS3, REACH & Halogen Free.
- Prepacked, ready to mix

USES

- Setting material for medium to thick layers.
- Repair of cracks and breaks in equipment, machinery and casted body.
- Suitable for use in aggressive or warm environment.
- Suitable for use in industrial, oil & gas and marine applications.

PACKAGING

1.2Kg set consists of the followings:
Part A Resin = 0.8Kg per 1L metal can
Part B Hardener = 0.4Kg per 0.5L jar

6.0Kg set consists of the followings:
Part A Resin = 4.0Kg per 5L metal can
Part B Hardener = 2 x 1.0Kg per 1L jar

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

WORKING LIFE

Approximately 10mins after mixing Part A and Part B homogenously. It is difficult to apply epoxy adhesive beyond 10mins.

SHELF LIFE

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

TYPICAL PROPERTIES

Color	Black
Consistency	Smooth paste
Specific Gravity	1.36
Operating Temperature	-20°C to +70°C
Curing Properties @Ambient	
Initial (touch dry)	30mins
Final Cure	5 to 6 hours
Shore D Hardness	≥ D80
Mix Ratio (by weight)	2:1

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.

MIXING: Pour Part B Hardener into Part A Resin 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 onto clean & dry surfaces. A layer of around 1.0 to 3.0mm thickness, depending on surface flatness and 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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