

**IMT-CE08-5**  
**RAPID CURE EPOXY ADHESIVE**

**PRODUCT DESCRIPTION**

IMT-CE08-5 Rapid 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 rapid cure of around 5mins at room temperature.

**ADVANTAGES**

- High adhesion strength
- Room temperature cure in about 5mins
- Comply to RoHS3 & 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

15.0Kg set consists of the followings:  
 Part A Resin = 2 x 5.0Kg per 5L metal can  
 Part B Hardener = 1 x 5.0Kg per 5L metal can

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

**WORKING LIFE**

Approximately 5mins after mixing Part A and Part B homogenously. It is difficult to apply epoxy adhesive beyond 4 to 5mins.

**SHELF LIFE**

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

**TYPICAL PROPERTIES**

|                                   |                |
|-----------------------------------|----------------|
| <b>Color</b>                      | Gray           |
| <b>Consistency</b>                | Smooth paste   |
| <b>Specific Gravity</b>           | 1.47           |
| <b>Operating Temperature</b>      | -20°C to +70°C |
| <b>Curing Properties @Ambient</b> |                |
| <b>Initial (touch dry)</b>        | 7 to 8mins     |
| <b>Final Cure</b>                 | 2 to 3 hours   |
| <b>Shore D Hardness</b>           | ≥ D80          |
| <b>Mix Ratio (by weight)</b>      | 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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