

IMT-CE20
EPOXY ADHESIVE

PRODUCT DESCRIPTION

IMT-CE20 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 cure within two hours.

ADVANTAGES

- High adhesion strength
- Fast cure at room temperature
- Low outgassing
- Prepacked, ready to mix

USES

- Setting material for thin layers.
- Suitable for use in overhung surfaces.
- Suitable for use in aggressive or warm environment.
- Suitable for use in electronic applications.

PACKAGING

1Kg set consists of the followings:

Part A Resin = 952g per 1L metal can

Part B Hardener = 48g per 70ml bottle

5Kg set consists of the followings:

Part A Resin = 4.76Kg per 5L metal can

Part B Hardener = 0.24Kg per 250ml bottle

WORKING LIFE

Approximately 30mins after mixing Part A and Part B homogenously. It is difficult to apply epoxy adhesive beyond 40mins.

SHELF LIFE

Two years from date of manufacturing when stored in tightly closed, properly sealed packaging and dry conditions.

TYPICAL PROPERTIES

Color	White
Consistency	Smooth paste
Specific Gravity	1.63
Operating Temperature	-20°C to +80°C
Curing Properties @Ambient	
Initial (touch dry)	1 hour
Final	24 hours
Shore D Hardness	≥ D80
Mix Ratio (Part A : Part B)	100:5

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. Mix at least 5 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 health, safety and environmental recommendations.

Do not leave premixed adhesive unused inside metal can. The exothermic or chemical reaction releases heat that would cause injury.

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