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TECHNICAL DATA SHEET

Epoxy 5234

EPOXY 5234 is a series of two pack formulated polymer, included various formulated Resin (Part A) & Hardener (Part B) to meet various requirement in decoration of metal, paper, plastic, wood, porcelain etc., and electronic Ind.

EPOXY 5234 have a good flow, self de-foaming properties, the cured Resin have a water white glossy and glass like appearance.

EPOXY 5234 divided into three main kinds. The first type is hard type, suitable for surface decorating artificial jewel & buckle. The second type is flexible type, suitable for surface decorating metal and paper in trademark industries. The third type is semi- flexible type, used for artificial jewels.

Properties : Hard type self de-foaming low viscosity

Application : Decorating surface of artificial jewels and

buckles

Pot Life : 1 Hr. at 25%-100gm.

Component : PART A : modified Epoxy Resin., PART B : amine

curing agent.

A: B Mixing Ratio (By WT.) : A: B = 3: 1.80% x 1 - 1.5 hrs.

& Curing Schedule

Some method for successful application

- 1. Part A and Part B should be mixed thoroughly by denoted weight as per instruction.
- 2. Syringe; plastic bottle with stainless steel tube or automatic fluid dispenser may be used on applying resin to the surface.
- 3. General method to avoid / remove air bubble from mixed resin.
 - ◆ Avoid vigorous mixing.
 - With a lighter to heat up the surface of uncured resin is a popular method for removing air bubble from mixed resin.
 - Use vacuum pump to remove air bubble.
- 4. For Resin with code **5234** decrease, a few of part B can prevent ripples on the product surface.

EPO-5234-E - 1 -

^{**} All the information is provided on the basic in good faith, and is believed to be trustworthy but is for reference only. Adhesion is very complicated and the result of it is much dependent on the surface material, additives, releasing agents of the substrates and user's methods. UEA and its agents, dealers, distributors, directors and employees cannot accept any liability for the results whatsoever arising from the use of UEA's products due that the utilization of these products is simply out of UEA's control. The users are responsible for selecting the suitability of the products and methods of use.

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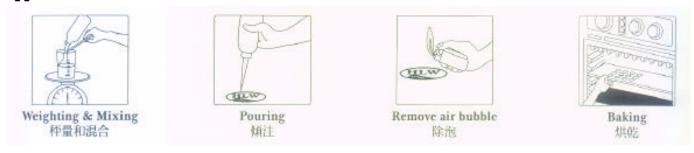
TECHNICAL DATA SHEET

5. Storage Life: Part A and Part B can be stored separately for over one year in closed, dry, cool container. If crystals are formed in Part B (hardener), warm it around 60℃ until all crystals disappear, the properties of the product remains unchanged.

CAUTION

The polymer is skin irritant, safety goggles and gloves must be used during handling. In the event of contact with skin of eyes, rinse immediately with plenty of water and seek medical advice.

Application Procedure for EPOXY 5234



- 1. Weighting with proper ratio and Mixing with Part A and Part B
- 2. Pouring on the article
- 3. Remove air bubble with propane lighter
- 4. Baking at $80\% \times 1$ hr. or leaving the article at room temperature around $25\% \times 24$ hrs.