

# LYCAL GEM LIKE RESIN

- decorating surface of artificial jewels and buckles -



**LYCAL GEM LIKE RESIN** 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.

**LYCAL GEM LIKE RESIN** have a good flow, self de-foaming properties, the cured Resin have a water white glossy and glass like appearance.

**LYCAL GEM LIKE RESIN** 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.

## THE LYCAL GEM LIKE RESIN SERIES

CODE	PROPERTIES	APPLICATION	A.B. MIXING RATIO (BY WT.) & CURING SCHEDULE
1011	hard type self de-foaming low viscosity	decorating surface of artificial jewels and buckles	A : B = 3 : 1 80°C x 1 - 1.5 hrs.
1009	coloured 1011	decorating surface of artificial jewels and buckles	A : B = 3 : 1 80 °C x 1 - 1.5 hrs.
1018	hard type medium viscosity	forming more convex surface of artificial jewels and buckles	A : B = 3 : 1 80 °C x 1 - 1.5 hrs.

### 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
  - A) Avoid vigorous mixing.
  - B) With a lighter to heat up the surface of uncured resin is a popular method for removing air bubble from mixed resin.
  - C) Use vacuum pump to remove air bubble.
- 4) For Resin with code 1011, 1018, 1009 decrease a few of part B can prevent ripples on the product surface.
- 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 °C until all crystals disappear, the properties of the product remains unchanged.



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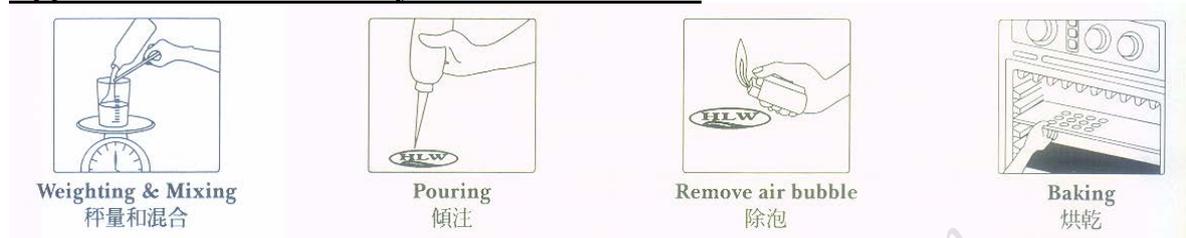
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## CAUTION

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 Loyal 1011 / 1009 / 1018



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°C x 1 hr. Or leaving the article at room temperature around 25°C x 24 hrs.



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