

EPOXEN CP05 A/B Art Resin

CP05 Part A	Resin	100	pbw
CP05 Part B	Hardener	50	pbw

Description

A clear epoxy resin system designed for creative art applications which is water clear, no VOCs and glossy.

Application

Glass decoration paints, wine bottle paints, decoration art works, casting and etc.

Product Data (Guideline Values)
Processing

- Thoroughly mix through Part A resin and Part B hardener in a container according to the mixing ratio for at least 4 min to get a uniform mixture.
- Do not mix more than you are able to use within the pot life.
- After mixing, do not immediately use, idle for 25 min so that the bubbles can lift to surface, then break the bubbles by the following methods:
 - Blowing hot air over the surface or
 - Use propane torch over the surface or
 - Manually scoop the bubbles out or
 - Puncture the bubbles using sharp stick
- The epoxy mixture can be poured slowly over the object or mold, spread with a brush, or dispensed with a syringe.
- Larger quantities will cure faster due to the typical heat reaction of epoxy resins (exothermal reaction).
- This system should be used at room temperature approximately 25°C. Pot life and cure time will be reduced at higher temperatures.

Specification	CP05 Part A	CP05 Part B
Viscosity (25°C)	1000 mPa.s	800 mPa.s
Chemical type	Epoxy	Amine
Color	Transparent	Transparent
Mixing ratio (by weight)	100	50
Mixing viscosity (25°)	950 mPa.s	
Pot life (25°C) of 100g	1 h	
Cure time (25°C)	24 h	
Final hardness	36 h	
Elongation at Break	< 7 %	
Hardness	70 D	
Water Absorption	< 0.5 wt%	

Storage

Store the chemical at room temperature in a dry place, do not expose to sunlight. Unopened containers can be stored for 12 months at temperatures from 18°C to 25°C. After this date, the product may be processed only after reanalysis. Partly emptied containers should be tightly closed immediately after use.

Packing method

	Pack Std.	Part A	Part B
(i)	300g set	2 x 100g bottle	1 x 100g bottle
(ii)	3kg set	1 x 2kg bottle	1 x 1kg bottle
(iii)	15kg set	2 x 5kg bottle	1 x 5kg bottle

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