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# 766150 - GÉDÉO KIT CRYSTAL RESIN 150 ML

Transparent, solid and easy to use Thanks to its twocomponent epoxy system (resin and hardener). Surprising and attractive pâte de verre effects. Perfect for making casts, inclusions, tray designs, jewellery, coatings, surface decorations and laminates. Can also be used as a protective glaze. For experienced and amateur adult users

Description	Two-component epoxy resin system: resin and curing agent. Transparent and solid, perfectly imitates glass paste. Allows the creation of moulds, inclusions up to 2 cm thick for a small volume, coatings or laminates. Intended for experienced and professional users Transparent resin, - Simply dosing, - Very solid, - Can be used as a varnish.	
Quality	Professional	
Based	Not applicable	
Finish	Glossy, transparent	
Target	Adult Student Amateur beginner Confirmed amateur Professional - Craftsman	

#### **Crystal Resin**

#### Applications :

Moulding of decorative objects, tray backgrounds, creation of jewelry, decoration of supports, inclusions of maximum 2cm thickness for a small volume. In a thin layer, Crystal Resin ives a varnish effect on your creations.

- gives a variant effect on your creations.

  In a dry and clean container, pour first 1 part of Crystal B hardener and then 2 parts of Crystal A resin.

  Mix the two components well until the corners of the container (incomplete mixing does not guarantee hardening, mixing too vigorously will cause bubbles to appear). Transfer the mixture to a second container and mix again to ensure homogeneity of the resin and optimal curing.
- 3. Pour into the substrate of your choice

4. Allow to dry for 24 hours in a dust-free environment.

Setting time is gradual and variable depending on ambient temperature and humidity. Crystal Resin is ideal for Pebeo mixed media.

#### Gedeo tips:

- To know the quantity of each component and not waste the product, fill the mold to be used with water and pour into a measuring container: one third of the volume for the hardener and two thirds for the resin. Dry the mold and the measuring container well before pouring in the Crystal Resin.

   The resin takes on the surface appearance of the substrate into which it is poured. A matte mold will give a matte finish, a glossy mold a glossy finish.

   To give a glossy look to a matte finish, use Gédéo GLOSS+ varnish or Gédéo Crystal Resin in a thin layer.

- Sand the surfaces before reapplying on the hardened resin.
- To allow your creation to take shape, you can unmold after 12 hours of drying and, for example, place your molding around a bottle to give it a curved shape. The complete hardening occurs after 24 hours.

#### We advise you to protect your creations with the application of a layer of Bindex glossy 24 hours before pouring the Crystal Resin.

#### Precautions :

- Avoid contact with skin and eyes, wear gloves
- Only objects cast in metal molds intended for this purpose can be used as jewelry.

  Do not mix the components of Gédéo Crystal Resin with the components of Gédéo Glaze Resin.
- Do not exceed 150ml of Gédéo Crystal Resin preparation per mixture to limit any risk of overheating. Gédéo resins are not intended to be placed in contact with food.
- Crystal Resin applications, even when dry, do not tolerate contact with water. Do not exceed 2 cm casting thickness.

#### **Glazing Resin**

#### Applications:

- Make sure the work surface is level.
- In a dry and clean container, pour first 1 part of Glaze Hardener B and then 2 parts of Glaze Resin A.
   Mix the two components thoroughly until they reach the corners of the container (incomplete mixing does not guarantee hardening, mixing too vigorously will cause bubbles to appear). Transfer the mixture to a second container and mix again to ensure homogeneity of the resin and optimal hardening 4. Pour onto the surface of your choice
- 5. Allow to dry for 12 hours in a dust-free environment. Setting time is progressive and variable depending on ambient temperature and humidity

Casting glazing resin on printed photos: printed photos contain different types of colorants that are not always stable in contact with epoxy resins. We recommend to protect it with a coat of Bindex gloss 24 hours before pouring the resin on the photo.

The same recommendation applies to the use of Glazing Resin in Pebeo's mixed techniques

#### Gedeo tips:

- Protect your work surface with plastic.
  The mixture is homogeneous when it becomes transparent.
  To know the quantity of **Glaze Resin** to make for a surface:
- Measure the height and width.
   Multiply the two values.

- . Multiply the result by 0.2. . The result determines the amount of resin to prepare

If necessary, help the product to go on the edges with the spatula.

#### Precautions :

- Avoid contact with skin and eyes, wear gloves.
- Do not mix the components of Gédéo Glaze Resin with other components of the Gédéo resin range. (Crystal Resin, Color Resin, Pearlescent Resin) Do not exceed 150ml of Glaze Resin preparation per mixture.
- Gedeo Glaze Resin applications are sensitive to low temperatures and humidity.
- Gedeo resins are not intended to be used in contact with food. Do not exceed 0,5 cm casting thickness.

## Instructions

### **Biobased epoxy resins**

### 1. Biosourced Crystal Resin

#### Applications :

Multi-supports: Metal, painted wood, canvas, silicone, plastic.

Once cured, the resin will not withstand prolonged contact at temperatures above 50°C or below 0°C.

#### Instructions:

- 1. In a dry and clean container, first pour 1 part of Cristal B hardener and then 2 parts of Cristal A resin.
  2. Mix the two components well until they reach the corners of the container (incomplete mixing does not guarantee hardening, mixing too vigorously will cause bubbles to appear).
- 2. Mix the two components well until they reach the corners of the container (incomplete mixing does not guarantee hardening, mixing too vigorously will cause buddles to appear).

  Transfer the mixture to a second container and mix again to ensure homogeneity of the resin and optimal mixing. Mixing operations can take up to 5 minutes depending on the quantity prepared.

  3. Allow the mixture to sit in the container for 5 minutes to remove any bubbles.
- Pour into or onto the surface of your choice. Do not keep the mixture in the mixing container longer than 45 minutes after mixing.
   Let dry 24 hours in a dust-free environment. Setting is gradual and variable depending on the ambient temperature.

#### Gedeo tips:

- To know the quantity of each component and not waste the product, fill the mold to be used with water and pour into a measuring container. Note the volume obtained.
- One third of the volume should be for the hardener and two thirds for the resin. Dry the mold and the measuring container well before pouring in the resin.

  The mixture is homogeneous when it becomes transparent.
- The resin takes on the surface appearance of the substrate into which it is poured. A matte mold will give a matte finish, a glossy mold a glossy finish. To give a glossy look to a matte finish, use a thin layer of Gédéo GLOSS+ varnish or Gédéo Bisosourced Crystal Resin.
- To shape your creation, you can unmold after 12 hours of drying and, for example, place your molding around a bottle to give it a curved shape. The complete hardening occurs after

24 hours.

We advise you to protect your work with the application of a coat of Bindex gloss 24 hours before casting the Biosourced Crystal Resin.

#### Precautions :

- Avoid contact with skin and eyes, wear gloves.
- Do not mix the components of Bio Crystal Resin with other components of the Gedeo resin range.

  Gédéo resins are not intended to be put in contact with food.

  Make sure that the surface is clean and not greasy before pouring (if necessary, degrease with a cloth soaked in alcohol)

- Resin creations, even once dry, do not support contact with wate Do not exceed 2 cm casting thickness.

2. Biosourced Glazing Resin
Applications:
Multi-supports: Metal, Painted wood, Canvas, Non-porous paper, silicone, plastic...

### Instructions:

- Make sure your work surface is horizontal and have a stopwatch. 2. In a dry and clean container, pour first 1 part of Glaze B hardener and then 2 parts of Glaze A resin. Start the stopwatch.
- 3. Mix the two components well until they reach the corners of the container (incomplete mixing does not guarantee hardening, mixing too vigorously will cause bubbles to appear). Transfer the mixture to a second container and mix again to ensure the homogeneity of the resin and optimal mixing. Mixing operations can take up to 5 minutes depending on the quantity prepared.
- 4. Total mixing and waiting time before pouring should not exceed 10 minutes. Pour the entire prepared mixture onto the substrate of your choice. 5. Allow to dry for 6 hours in a dust-free environment. Setting time is gradual and variable depending on the ambient temperature.

#### Gedeo tips:

- Protect your work surface with a plastic sheet.
- The mixture is homogeneous when it becomes transparent

The mixture is homogeneous when it becomes transparent.
To know the quantity of Glaze Resin to cover a 1 mm thick surface:
1. Estimate the surface to cover in cm².
2. Divide the value obtained by 10 which will give a thickness of 1 mm of cast resin
3. The result determines the quantity of resin to prepare in ml
To cover a surface of 2 mm thickness, multiply the first result by 2 (or divide the surface obtained).
If necessary, help the product to go on the edges with a spatula.
We advise you to protect your work with the application of a coat of Bindex gloss 24 hours before pouring the Biosourced Glazing Resin.

#### Precautions:

- Avoid contact with skin and eyes, wear gloves.

  Do not mix the components of the Biosourced Glazing Resin with other components of the Gedeo resin range.
- Gédéo resins are not intended to be put in contact with food, plants, insects, .... Do not exceed 300ml of glaze resin preparation per mix to limit any risk of overheating.
- Make sure that the surface is clean, not greasy before pouring (if necessary, degrease with a cloth soaked in alcohol) Resin creations, even once dry, do not support contact with water.
- Do not exceed 0.5 cm casting thickness

	Studio Acrylics fine acrylic	
	Studio Acrylics auxiliaries	
	Artist Acrylics Auxiliaries	
	Mat Pub	
	4Artist Marker	
	Mixed Media	
	<u>Acrylic Marker</u>	
Compatible Families	<u>decoSpray</u>	
	Fantasy Prisme	
	Fantasy Moon	
	Vitrail & Cerne Relief	
	<u>Ceramic</u>	
	<u>Gédéo moulding</u>	
	Gédéo Candles, Gild and Patinas	
	Fluid Pigment	
Substitute Products	GÉDÉO KIT CRYSTAL RESIN 300 ML GÉDÉO KIT CRYSTAL RESIN 750 ML CRYSTAL RESIN BIO KIT 150 ML	
Vegan	Yes	
Food Contact Testing No		

# **Legal Information**

Regulatory pictograms	
Other Regulatory Warnings	
Warning	DANGER
Danger Statements	Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Contains epoxy constituents. May produce an allergic reaction.
Caution Advice	Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. Store locked up.
Publictie	Dangerous. Respect the usage precautions
Made in	Made in France by Pébéo
Adress	Pébéo CS 10106 -13881 GEMENOS CEDEX, France T: 33 (0)4 42 32 08 08
Anti-Poison Center (N° UFI)	5AJ0-90PU-3002-MRS2 EEJ0-T0D7-D00K-83C4
Packaging Treatment	
Communication Standards	Dangerous products. Comply with terms of use
SDS	Download File - CN-FDS154.pdf
SDS	Download File - DA-FDS154.pdf
SDS	Download File - DE-FDS154.pdf
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SDS	Download File - NO-FDS153.pdf
SDS	Download File - SV-FDS153.pdf

**Recommandations:** this information is given for information only. It is advisable to always carry out preliminary tests on the chosen support before starting work.

For more information on product safety and handling conditions, refer to the Safety Data Sheet available on the website. https://www.pebeo.com/Pebeo/Fiches-de-donnees-de-securit



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