

### Description

Thermopolymerizable acrylic resin, **FOR OCULAR PROSTHESES**  
Type 5 according to ISO 20795-1:2008 **MEDICAL GRADE**

### Characteristics

Different possibilities of polymerization: traditional method with boiling water or directly in the microwave using EYE-MICRO.

Plastic and malleable consistency, cadmium free, unalterable colour.

Resistant to alcohols, fruit juices and dental cleaner. **MEDICAL GRADE**

### Time of dough swelling

10-20 minutes, at 22°C of temperature, according to the following proportion:

For 1 prosthesis: 10 gr. of powder / 5ml. of liquid

For 2 prostheses: 20 gr. of powder / 10 ml. of liquid

We recommend using dispensers to measure powder and liquid.

After the swelling time and as soon as the material doesn't stick to the fingers, it can be manipulated during 30 minutes at room temperature of 22°C

### Application technique

Preparation of the mould

Prepare the gypsum mould in a flask with clasps, remove the wax. For the polymerization in microwave, use an appropriate flask as **MICROWAVABLE FLASK** of **EYEIRIS**.

Paint the mould with separating varnish **EYE-SEP**.

Leave to dry.

Preparation of the dough

Distribute the powder and the liquid according to the recommended proportion. Mix it with a spatula during 60 seconds, assuring not to incorporate air in the mixture. Cover the container and leave it during 10-20 minutes until the dough swells, at which point the dough gains a malleable consistency and it doesn't stick to the fingers. After this moment, the dough keeps plastic during a maximum period of 30 minutes. (with the container covered and at a temperature of 22°C)

Filling and pressing of the flask

The dough is introduced in the mould until it exceeds and it is covered with a cellophane sheet. Close the flask slowly and open it again and remove the remaining dough. Close it again slowly without the cellophane sheet and under a press and leave it during 10 minutes.

## Polymerization

### Conventional polymerization:

Place the flask in warm water (30-40 °C). Heat it until 100°C and leave it boiling during 20 minutes. Make sure there is a minimum of 3 litres of water in the container. In case of polymerizing different flasks at the same time, 2 litres of water are needed per each flask.

### Polymerization in microwave:

Introduce the flask in the microwave and heat it during 1 minutes at a low power 30% for microwave 800w. We recommend testing your microwave prior to making final prosthesis.

### Attention:

After the curing process has been completed with any of the above systems, leave to cool the flask for at least 30 minutes exposed to the air. It may then be cooled with in cold water.

## Finishing and polishing

The resin can be finished and polished using the usual method. We recommend using polishing paste for the polishing and glazing.

## Expiry date and storage

Powder and liquid keep their properties during a minimum of 2 years. The expiry date is indicated in the package.

Store it in a place free of moisture and at a temperature not more than 25°C. Store it out of solar rays..

## Presentation

Standard kit: 1 x 500g + 250ml

Available colours: INTENSE WHITE / CLEAR

## Safety precautions

The liquid contains flammable solvents and it should be used in well-ventilated non-smoking areas and away from flames or heat-producing apparatus.

Protective clothing should be used to prevent skin or eyes contact, wash immediately with plenty of water. Prolonged skin contact may cause hypersensitivity in susceptible people. Interrupt using it in case of sensitivity. A spillage of liquid should be cleaned and dried. In case of fire use an extinguisher, sand or soil.

Flash point 10°C

### Additional information

All the information contained in this instruction page is based on the present knowledge and it is given only for informational purposes without this involving a guarantee by **EYEIRIS**.

For more information, see the existing safety data sheet of the powder and liquid products. Ask for them to your usual distributor.

## EYEIRIS

c/ Barcelona, 23 43711 Banyeres del Penedès TARRAGONA / SPAIN

TEL. +34 670218085

Fabricado por Famadent S.L. para OCULIRISART S.L.