VERACRIL®

Self-curing Acrylic Pour-type resins

EXPECTED USE

The composition of the Pour self-curing acrylic resins (polymer and monomer) for use by means of the pour technique (pouring), are indicated for the preparation of dental restorations such as removable total and partial dentures in patients with total loss or partial of natural teeth.

COMPOSITION

Polymer: Poly (methyl methacrylate).
Monomer: Methyl methacrylate.

MAIN FEATURES

- The time required for the preparation of the dental restoration is 20 minutes and allows an optimal working time for its pouring.
- It requires a heat treatment by means of pressurization equipment.
- It is easily polished allowing it to regain its shine.

Using the indicated polymer and monomer ratio, vertical and linear contractions that the acrylic structure may undergo are avoided.

INSTRUCTIONS FOR USE

Waxed and emuffled

- Use the conventional tooth waxing and alignment technique.
- Condition the elements necessary for flashing using the flask for the pour technique.
- Hydrate the model in water at room temperature for approximately 30 ".
- Locate and fix the sprues on the back of the wax prosthesis, coinciding with the perforations in the flask.
- Fix the model to the base of the flask with the help of plasticine.
- Verify that the model does not have retentions at the base and / or around the bottom of the groove.
- Pour the duplicating material (silicone or hydrocolloid) according to the manufacturer's instructions.
- Remove the model after the duplicating material is solid, remove the teeth and wax from the model with hot water.
- After the teeth are completely clean, place them correctly in position.
- Apply a thin layer of Novafoil® plaster separator to the plaster model after washing the wax, brushing very well to avoid excesses.

Mix proportions

2.5 parts of polymer and 1 measure of monomer measured by volume.

Preparation of the mixture

- The mixture is prepared in a suitable container (glass or porcelain).
- Mix gently in a continuous cross pattern to avoid the generation of air and to ensure that the polymer particles are fully incorporated with the monomer, until a semi-liquid mixture (consistency of honey) is obtained.

Spill

Begin to empty the flask through the central hole, taking care to fill all three holes (the flask must meet the requirements for the technique) and let it rest for 3 to 4 minutes.

Polymerization

Place the flask inside the pressurizer in an upright position taking care that the water does not touch the acrylic resin. Close the pressurizer and apply 30 pounds of pressure at a temperature of 60ºC for 20 minutes. To de-flask let the flask cool.

Polished

Use the usual procedure in accordance with dental laboratory techniques.

WORKING TOGETHER WITH OTHER DEVICES

The acrylic resin works in conjunction with acrylic resin teeth, forming the dental prosthesis between them. Artificial teeth, being made of the same base material as the resin (PMMA), guarantee the chemical bond between both devices. The use of artificial teeth made with a different material does not guarantee adequate adhesion to the denture base.

RESIDUAL RISKS

- Irritation or rare allergic reactions on the skin or mucosa due to residual monomers.
- Accumulation of bacterial plaque or microorganisms due to surface irregularities, a situation that is counteracted by conventional polishing techniques.

CONTRAINDICATIONS

The product should not be used in patients with hypersensitivity or allergy to the material.

WARNINGS
Monomer is a flammable liquid so it should be used away from sources of sparks, flames, or high temperatures.

PRECAUTIONS
The use of solvents on the acrylic framework is not recommended because it can produce microfractures or cracking of the material.
Keep hands and working instruments dry to avoid the incorporation of bubbles into the acrylic framework.
This is a product for use in the dental laboratory and due to its volatile nature, it is recommended to work in ventilated places, preferably with a vapor extraction system, protective glasses, latex gloves and an apron.
Be careful when uncapping the monomer container because it may eventually splatter; For this, use the safety tools recommended in the product's safety data sheet (goggles, gloves and a suitable respirator).
Avoid permanent contact with skin, eyes and inhalation of vapors.
In case of direct contact with the skin, wash with plenty of water and a mild soap.
If inhaled, remove the affected person from exposure, take him to receive fresh air and, if required, supply oxygen or artificial respiration.
In case of direct contact with the eyes, wash with plenty of water for a period of 15 minutes.
If the discomfort persists seek medical assistance immediately.
In case of ingestion induce vomiting and immediately seek medical assistance.
Do not use the product after the expiration date.
For more information, consult the safety data sheet at www.newstetic.com.
Failure to follow the recommendations in these instructions for use may lead to impairments in the performance of the product.

RECOMMENDATIONS
In order to shorten the flask time of the prosthesis, specific equipment can be used for fusing the copying material.

STORAGE
Store the product in a ventilated, cool and dry place, at a temperature no higher than 30 °C, away from sources of heat and / or ignition, and protected from direct sunlight.

FINAL DISPOSITION
Spilled product can be incinerated or disposed of in accordance with current local regulations, as can contaminated containers. It should not be thrown into water sources.

USEFULL LIFETIME
Polymer: 4 years.
Monomer: 2 years.

HEALTH CERTIFICATE
Colombia:
Monomer: INVIMA 2017DM-0000632-R2
Polymer: INVIMA 2017DM-0000614-R2

NORMATIVITY
The product complies with ISO 20795-1.
Product recommended only for dental use by qualified personnel.
This acrylic can be transported in glass, metal or plastic containers.
Keep out of the reach of children.

SYMBOL GLOSSARY

Instructions for use	Fragile
Keep dry	Flammable
Keep away from sunlight or direct heat sources.	Irritant
Maximum storage temperature.	We recommend to wear nitrile gloves

ISO 20795-1

Elaborated: 2020-12-04 / Updated: 2021-09-25

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