

O-cryl®

Orthodontic Acrylic Resin Self Cure



INTENDED USE

Ocryl® self-curing acrylic resin (polymer and monomer), is indicated for the construction of orthodontic and orthopedic devices and/or treatments. The acrylic device together with other attachments corrects, esthetics, functionality, irregularities of the oral cavity.

GENERAL COMPOSITION

Monomer: Methyl methacrylate (MMA).

Polymer: Poly methyl methacrylate (PMMA).

FEATURES

- Ocryl® has optimal working time for manipulation of acrylic structures and orthodontic and orthopedic devices.
- Ocryl® allows the addition of attachments such as retainers, springs and screws.
- Ocryl® does not require thermal air pressure treatment for polymerization; however, the use of heated air pressure allows the acrylic to obtain more preferred product quality.
- Easy to trim and shine.
- Using Ocryl® proper polymer and monomer ratios, vertical contractions and linear contractions are avoided.

INSTRUCTIONS FOR USE

Ocryl® Self-Curing monomer, should be used with Ocryl® Self-Curing Polymer, for the preparation of acrylic bases for orthodontic appliances.

Proper proportions for mixture are: (by volume): Two parts of Ocryl® Self-Curing Polymer and one part of Ocryl® Self-Curing Monomer.

Prepare the mixture in a suitable container (dappen or glass, porcelain or silicone container).

The measured polymer is poured into the monomer in small proportions, cross-mixing continuously for approximately 30 seconds, to avoid generation of air bubbles and to ensure that the polymer particles are fully incorporated with the monomer.

The mixture is poured in its fluid state onto the model, to achieve full coverage of the retention of functional wires.

Finally, the mixture is molded in the palate area of the model, moistening the mixture with the self-curing liquid. The necessary excess cut is made to mold the necks and the limit of the acrylic support on the palate.

If possible, try to cover the acrylic model with a container, it can be the cup used to mix the plaster, while the material is going through exothermic reactions.

Polymerization: Self curing acrylic polymerizes in approximately 10 minutes on average. These times may vary according to environment temperature.

WORK WITH OTHER DEVICES

The product can work in conjunction with metallic structures, alloy wires for orthodontics and orthopedics, and small areas on acrylic bases of the same material.

RESIDUAL RISKS

- Possible skin or mucosa irritation, allergy or tissue sensitivity due to residual monomer or pigment release. This situation can be avoided if the instructions for preparation and handling of the product are followed.
- Accumulation of bacterial plaque and microorganisms in the surface roughness, which is eliminated by means of conventional polishing techniques.

CONTRAINDICATIONS

The product should not be used when the person has an allergy or adverse reactions to the product or any of its components.

WARNINGS

The monomer is a flammable liquid so it must be away from sources of ignition and high temperatures.

PRECAUTIONS

Solvents on the acrylic structure are not recommended due to possible material breakdown.

Keep your hands and working instruments dry to avoid incorporation of bubbles in the acrylic structure.

It is a product for dental laboratories, due to its volatile nature, it is recommended to work in ventilated areas, preferably with a vapor extraction system, goggles, latex gloves and an apron.

Be careful when uncapping the container of the liquid component and skin contact. Use the safety accessories recommended in the product safety sheet (goggles, gloves and 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, bring them to fresh air and, if required, supply oxygen or artificial respiration.

In case of direct contact with eyes, wash with plenty of water for 15 minutes.

If the discomfort persists, seek medical assistance immediately.

If swallowed, induce vomiting and seek medical help immediately.

It is recommended only for dental use by qualified personnel.

Do not use the product after the expiration date.

For more information see the safety data sheet in www.newstetic.com.

STORAGE

The product must be stored in a ventilated, cool and dry place, away from sources of heat and / or ignition, and protected from direct light, at a temperature no higher than 30 ° C.

DISPOSAL INDICATIONS

If the product is spilled, it can be incinerated or disposed according to the current local environmental laws.

EXPIRATION TIME

Monomer: 2 years.

Polymer: 4 years.









Monomer: INVIMA2013DM-0002175-R1

Polymer: INVIMA2017DM-0000614-R2

TECHNICAL STANDARD

The product meets the standard ISO 20795-1.

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

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