



IonoLight **composite light cure glass ionomer**

COMPOSITION

Urethane-methacrylate, Bisphenol A-glycidyl methacrylate (Bis-GMA), Triethylene glycol dimethacrylate (TGM), Butylated hydroxytoluene, Camphorquinone, Trimethacrylate triethanolamine (TMATEA), Glass filler, Silane, Acetic acid

PURPOSE

Composite light cure glass ionomer "IonoLight" is intended for making gaskets, aligning cavity bottom, fissure sealing, sealing V class defects

PROPERTIES.

IonoLight represents uniform flowable paste without bubbles, dry elements, traces of pigment and other impurities. Flexural strength is not less than 50 MPa, water absorption is not less than 50 mkg./mm³, polymerization depth is not less than 2 mm. The material is flowable, capable of flowing in undercuts, radiopaque. It can be cured by light of 450 ± 500 nm. wavelength.

CLINICAL PROCEDURE

Prepare the cavity in the traditional method. Areas close to pulp should be covered with gasket based on hydroxide calcium. Place Primer-Adhesive on the dry clean surface, with the use of traditional method.

Thereafter place the required amount of "IonoLight" material from syringe into cavity, using the needle tip, and cure it with light for 20 seconds. It is recommended that each layer of the material should not be more than 1 mm thick.

After solidification, for removing excess material use drill. Proceed with restoration using standard methods.

Attention: Avoid contact with eugenol-containing materials.

CONTRAINDICATION

The material contains methacrylate resins. It should not be used with patients having increased sensitivity for methacrylate resins.

POSSIBLE SIDE EFFECT

The material may cause allergic reaction.

PRECAUTIONARY MEASURES

After working with the material wash hands thoroughly.

TRANSPORTATION

The material may be transported by all types of covered transport vehicles in accordance with rules of transportation for each type of transport. It may be transported via post, by cars and in containers. Temperature during transportation should be within +(5+25°) C

STORAGE.

The material in the original packaging should be kept in a dry place not exposed to direct sunlight at temperature +(5+25°) C.

SHELF LIFE

Shelf life of the material is 2 years.

PRODUCER GUARANTEE

The producer guarantees correspondence of material to all technical requirements on condition of observing all rules of utilization, transportation and storage. Guaranteed shelf life is 2 years from the production date

PLACES OF USE

For use in hospitals, dentistry clinics and mobile medical complexes.

DISPOSAL

Disposal of material with expired shelf life or which became unfit for other reasons, should be made through collection of material into container with subsequent removal by a specialized agent.

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