



BIOSEAL LIGHT CURED
Pit and fissure Sealant Material

CONTENTS:

2x2,5g syringes **BIOSEAL LIGHT CURED**;
1x3g syringe **Attaque Gel** (37% Orthophosphoric Acid);
6 application tips;
or
1x5ml flask **BIOSEAL LIGHT CURED**;
1x5ml flask **Attaque Gel** (37% Orthophosphoric Acid);
10 disposable brushes.
Reg. ANVISA: 10298550057

COMPOSITION:

Bisphenol A Glycidylmethacrylate (35,6%); Methacrylate Groups; B.H.T.; Silicium Dioxide; Sodium Fluoride; Calcium Fluoride and Catalyst.

INDICATION:

BIOSEAL Light Cured is indicated to seal pits and fissures, acting in the caries prevention on the susceptible areas. Indicated as complement in control and caries prevention, acting like mechanical and chemical agent releasing fluoride.

TECHNICAL INFORMATION:

BIOSEAL Light Cured was developed to be applied on the occlusal surface of the teeth. After polymerization **BIOSEAL Light Cured** forms a resistant and continuous film, used to seal pit and fissures preventing them against caries.

BIOSEAL Light Cured also presents a complementary prophylactic action due to the Fluoride present in its formula. Using of sealants has been highly recommended considering its performance in reducing caries.

Fluoride concentration:

Sodium Fluoride 2,42% = 1,09% Fluoride ions

Calcium Fluoride 0,4% = 0,19% Fluoride ions.

USE INSTRUCTIONS:

The efficiency of sealing depends on the correct penetration of the sealant in the conditioned enamel.

1. Clean occlusal surfaces including pits and fissures, with pumice powder and water;
2. Isolate the teeth to be sealed using cotton rolls or rubber dam and dry them well;
3. Etching with 37% Orthophosphoric Acid (**a.e. Attaque Gel**), during 30 seconds on the enamel;
4. Rinse with water during 30 seconds to remove the etching precipitates;
5. Dry thoroughly. The presence of humidity in the cleaned surface will impede the penetration of the resin in the conditioned area;
6. If the surface comes in contact with saliva, the etching and drying procedures must be repeated; (etch again for 10 seconds and dry);

TECHNICAL INFORMATION

7. The appropriately conditioned area should present a chalky white appearance; this not happening, repeat the procedure;
8. Place enough amount of **BIOSEAL LIGHT CURED** along all pits and fissures extension, taking care to avoid the air entrapment;
9. Expose all faces of the sealed area to be light cured during 20 seconds;
10. Check occlusion and grind off any excess material, if necessary;
11. Check adhesion with an explorer.

CONTROL AND REAPPLICATION:

The applied sealant must be examined every 6 months. If it is totally absent, the reapplication must be done, following the use instructions. If parts of the sealant are present, use sharpened instruments to test its adherence. The sealant surface firmly adhered can receive a new sealant layer.

SPECIAL CARES:

Avoid direct contact of the product or of Etching Gel with the skin or mucous.

In case of contact, rinse thoroughly with water. **DO NOT INGEST.**

Protect eyes during polymerization procedure according to manufacturer instructions.

After using keep the syringes tightly closed to avoid exposure to the light.

Do not store **BIOSEAL LIGHT CURED** near other products containing Eugenol. Eugenol interferes in the polymerization.

- Discarding: Avoid throwing the product on the drain and on the environment.
Follow the current law.

CHARACTERISTICS/ PROPERTIES:

Contains two fluoride sources (Sodium and Calcium Fluoride). This will allow a fast initial action of the product (Sodium Fluoride) and a longer and deeper action (Calcium Fluoride)

- ✓ Light Cured;
- ✓ High adhesion rate;
- ✓ Excellent flow – good runoff on pits and fissures;
- ✓ Fluor liberation – Anti cavity activity;
- ✓ Lowest rates of cavity return in sealed teeth.

CONTRAINDICATION:

BIOSEAL Light Cured should not be used in patients is known to have sensibility to any of the ingredients listed.

BIOSEAL Light Cured is not recommended in pits and fissures with good congregation, in teeth with caries even initial and in teeth free of caries over 4 years.

BIBLIOGRAFHY:

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- ✓ LOVADINO, J. R.; **AVALIAÇÃO DOS MATERIAIS USADOS COMO SELANTES OCLUSAIS** – www.geocities.com/CollegePark/Union/.