

# Instructions for Using LumaBlock™

*LumaBlock™*

## Product Description:

LumaBlock™ is a white, light reflective, paint-on dam which when light cured will form a semi-plastic barrier which protects gingival tissue during the LumaArch™ procedure.

## Precautions:

This product should be used only on patients with good gingival and oral health. Do not use LumaBlock™ on patients with known sensitivity to resin. It is advisable to test LumaBlock™ on a small section of the patient's gum before attempting this procedure.

## Procedure:

1. Fit the patient with cheek retractors, making sure of a comfortable fit. Cotton rolls may be placed for additional comfort.
2. Remove the black luer cap from the LumaBlock™ syringe and replace it with one of the syringe tips supplied. Be sure to apply the syringe tip firmly.
3. Rinse and air-dry the teeth and especially the gingival tissue around the teeth to be bleached.
4. Holding the syringe firmly, express a small amount of LumaBlock™ onto a mixing pad to initiate flow.
5. Beginning at one end of the upper arch, apply LumaBlock™ to the gingiva to build a strip about 6 mm wide by 1 to 1 ½ mm thick. Be sure to extend the material at least one half millimeter onto the enamel. Where embrasures exist, express the resin through the opening, filling the space completely. Be sure to cover any exposed root surfaces. Protect one extra tooth at each end of the arch beyond those to be bleached.
6. Using the above procedure, cure the LumaBlock™ in sections using a conventional curing light about 2 cm from the resin barrier. Cure for no more than 5 – 10 seconds to reduce any heat-induced sensitivity during curing. Then, move along the arch to the next section.
7. Repeat for the opposite arch.
8. Remove and dispose the syringe tip then replace the luer cap. Each LumaBlock™ syringe holds more than enough material for each patient.
9. After the bleaching case is completed, wipe the teeth with gauze and rinse well.
10. Remove the gingival barrier by sliding the tip of an explorer or forceps between the gingival and the resin. Lift it away carefully. Check interproximally for any debris. Use an explorer or floss. Rinse again.
11. Store any unused LumaBlock™ in a cool dry place away from any ambient light. When the bleaching procedure is completed, the syringe should be disposed of properly.

Contact your dental dealer to reorder. LumaLite, LumaBlock™ part #210040 (4 pack).

When curing LumaBlock™ hold curing light at least 1 – 2 cm away from the resin to reduce any heat-induced sensitivity during curing.

## MSDS Information:

### Section 1 – PRODUCT IDENTIFICATION

Product Name: LumaBlock™

For Information Call: 303-665-7535 \* Chemtrec 800-424-9300

Date Prepared: 02/15/01

### Section II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component Osha Pei ACGIH TLV %(Optional)

Aromatic Aliphatic Dimethacrylate Monomers

### Section III – PHYSICAL DATA

Boiling Point: ND Specific Gravity: (H<sub>2</sub>O = 1): 1.2 Melting Point: ND

Vapor Pressure (mm Hg): ND Vapor Density (Air = 1): ND

Solubility in Water: Insoluble Evaporation Rate (Butyl acetate = 1) : <1

Appearance & Odor: White gel with characteristic odor

### Section IV – FIRE & EXPLOSION HAZARD DATA

Flammable Limit: ND Extinguishing Media: Dry Chemical Foam

Unusual Fire and Explosion Hazards: Material may burn if exposed to flame.

### Section V – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: High temperatures, visible light sources.

### Section VI – HEALTH HAZARD DATA

Route(s) of entry – Inhalation: No Skin: Yes Ingestion: ND

Signs or Symptoms of Exposure: Repeated contact with skin may cause irritation and reddening.

Emergency and First Aid Procedures:

Eyes: Flush with copious amounts of water. Skin: Wash with soap & water.

Ingestion: Seek medical attention.

### Section VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Wipe up spill and dispose of appropriately.

Waste disposal method: Dispose of in accordance with federal, state, & local regulations.

Precautions to be taken in handling & storage: Store in a cool dry area, avoid moisture sunlight or other visible light sources.

### Section VIII – CONTROL MEASURES

Respiratory Protection (Specify): None

Protective Gloves: Recommended

Eye Protection: Recommended

**Shelf Life – Two Years**

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