



Manufactured in U.S.A. by:

**SCI-PHARM**®

Fluoroseal® Cavity Liner,  
Light-Cured

## TECHNICAL BULLETIN

### Instructions

# FLUOROSEAL®

## Light-Cured Cavity Liner

Recommended for enforcing floor of the cavity and lining cavity walls prior to application of filling materials.

### KIT CONTAINS:

Dentin Shade Kit (Catalog No. 75-03) contains:

- 2 syringes Dentin Shade Liner,  
Cat. No. 75-031, 7.5g each

Contrast Shade Kit (Catalog No. 75-13) contains:

- 2 syringes Contrast Shade Liner,  
Cat. No. 75-131, 7.5g each

Direct Application Syringe Kit (Cat. No. 75-035) contains:

- 1 luer-lock syringe Dentin Shade Liner,  
Cat. No. 75-035, 1.5g
- 5 disposable tips, 20 gauge



Cat. No. 75-03,75-13

Cat. No. 75-035



## OUTSTANDING FEATURES OF THE MATERIAL

- Fast and easy to apply
- Economical in use
- Compatible with all commercially available restoratives & cements
- Mechanically strong & virtually insoluble in oral fluids
- Contains fluoride
- Shelf-life of 2 years; no refrigeration needed
- X-ray opaque
- Available in two versions: dentin & contrast shades
- Alternative delivery system offers convenient direct-to-the-tooth application

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### CAUTION

**GENERAL INFORMATION**

*FluoroSeal*® is a visible light-cured cavity liner having a flowable consistency which facilitates application. This material primarily consists of a biocompatible light curable resin, filled with hydroxyapatite, barium sulfate and fluoride salts.

*FluoroSeal*® is compatible with all commercially available restorative materials and cements. When used under water-based cements, however, wiping the surface of cured *FluoroSeal*® with a cotton pledget moistened with alcohol is recommended in order to remove any traces of uncured resin. *FluoroSeal*® should be applied over conventional self-cured dental bases in case of direct pulp exposure.

*FluoroSeal*® is available in two types of dispensing syringes:

- Economy-size 7.5 gram syringe
- 1.5 gram syringe allowing for placement of the material directly on the tooth through a 20 gauge disposable tip.

**INSTRUCTIONS FOR USE**

1. Prepare the cavity in a conventional manner.
2. Rinse the cavity and dry.
3. (a) If using an economy size 7.5 gram syringe, dispense *FluoroSeal*® onto a pad. After dispensing, pull the handle back slightly to reverse flow. Apply the material over the dentin, preferably using a ballpoint applicator. **CAUTION:** Shield the dispensed material from bright light before use.
- (b) If using a 1.5 gram syringe, apply the material directly over the dentin through a disposable applicator.
4. The first coating should be no more than 0.3 - 0.5 mm thick. Remove any material inadvertently applied over enamel margins.
5. Cure for 20 seconds (30 seconds if the light is of lower intensity), keeping the tip as close to the cured surfaces as possible.
6. Apply a second layer, if indicated. The second layer can be up to 1.5 mm thick. Cure for 30 seconds.

**STORAGE AND SHELF-LIFE**

Store at temperatures not exceeding 75°F (24°C). When stored under such conditions, the material has a shelf-life of 2 years.

**WARNING:** Avoid prolonged contact of uncured *FluoroSeal*® with skin or gingiva. Wash thoroughly if such contact occurs.

*FluoroSeal*® is available in the following commercial forms:

<u>Cat. No.</u>	<u>Description</u>
75-03	Kit containing 15 grams of material in two 7.5 gram syringes, dentin shade
75-031	Individual 7.5 gram syringe, dentin shade
75-13	Kit containing 15 grams of material in two 7.5 gram syringes, contrast (white opaque) shade
75-131	Individual 7.5 gram syringe, contrast shade
75-035	1.5 gram syringe, dentin shade, plus five disposable tips

**OTHER OUTSTANDING SCI-PHARM MATERIALS**

***CuRay-Fil***® A highly filled light-cured anterior/posterior composite restorative. Provides outstanding depth of cure; excellent marginal adaptation and esthetics. Eleven available shades.

***CuRay-Match***® A light-cured paint-on (flowable) restorative and veneer cement. Highly polishable with outstanding esthetics, color stability, durability and versatility. Available in economical 3g syringes and in 1.2g syringes offering convenient direct-to-the-tooth application.

***CuRAY-II***® A posterior restorative. Highly (90% by weight/filled) optimized consistency for posterior applications. Packaged in unidose .35g carpules. Four shades available.

*Quality Management System Certified to*

**ISO 9001 and ISO 13485**

**CE Marked Products**

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