



Manufactured in U.S.A. by:

SCI-PHARM 

Sci-Pharm Catalog No. 50-120
CuRAY®
Dentin/Enamel Bonding System

TECHNICAL BULLETIN
Instructions



DENTIN/ENAMEL BONDING SYSTEM

KIT CONTAINS:

- Dentin-enamel primer/bonding agent Cat. No. 50-121, 6g
- Dentin conditioner, Cat. No. 50-122, 7cc
- Enamel conditioner, Cat. No. 50-110, 13cc
- Accessories, Instructions

Cat. No. 50-120



OUTSTANDING FEATURES
OF THE MATERIAL

- Simple and fast application technique.
- Versatility - will bond to dentin and enamel margins.
- Compatible with all light-cured restorative materials and cements.
- Long shelf-life with no need for refrigeration.
- Economical in use.

CAUTION

INSTRUCTIONS FOR USE

A. Dentin Conditioner

1. Apply dentin conditioner by brushing it into the dentin. Extend the application on enamel margins. Leave on for 15-20 seconds.

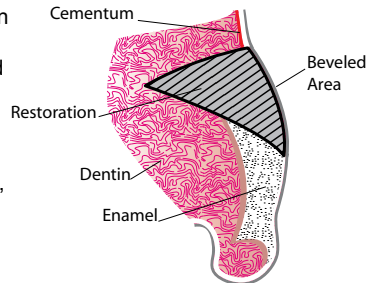
If a relatively large area of the enamel is involved in the restoration, and in clinical situations where achieving maximum bonding strength to enamel is critical to assure good retention, the enamel should be treated with the enamel conditioner for 20 seconds. In such cases, the use of the dentin conditioner would be restricted primarily to dentin.

2. Rinse well, then dry lightly with a stream of air. Do not desiccate dentin.

B. Dentin-Enamel Primer/Bonding Agent

Apply primer/bonding agent with a brush in a manner similar to the application of the dentin conditioner. Make sure dentin is well wetted. Just placing primer over the dentin may not be enough. Do not rinse off. Keep the area dry; avoid saliva contamination.

Follow with the application of the light-cured restorative material or cement and cure thoroughly. The required curing time may depend on the intensity of the curing light, the thickness of the layer of restorative material or cement, its color and reactivity. Usually a curing time of 40 seconds is enough.



C. Special Hints

When restoring Class V cervical lesions, adjacent enamel margins should be beveled and conditioned as shown on graph. Prior to conditioning, dentin and adjacent enamel should be cleaned with an oil-free pumice/water slurry, rinsed and lightly dried.

CAUTION: The dentin conditioner contains 10% phosphoric acid and the enamel conditioner contains 33% phosphoric acid. Avoid contact with mucosa and prolonged contact with dentin. Do not apply on very sensitive teeth or in proximity to the pulp.

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.

CuRAY® Dentin/Enamel Bonding System is compatible with all light curable restoratives and cements. It is particularly compatible with Sci-Pharm brand materials such as:

- **CuRAY-Match® and CuRAY-Mask®: light-cure flowable (paint-on) restoratives and veneer cements.**
- **CuRAY-II®: light-cure, hybrid-type posterior composite restorative**
- **CuRAY-Dual Match®: dual-cure inlay and onlay cement**
- **CuRAY-Fil®: light-cure, hybrid-type composite restorative**
- **CuRAY-Support®: dual-cure core build-up material**

For technical information, call or write:



Quality Management System Certified to

ISO 9001 and ISO 13485

CE Marked Products

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