



BISCO's SEMI-GEL ETCHANTS

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BISCO DENTAL PRODUCTS CANADA



PHOSPHORIC ACID ETCHANTS WITH BENZALKONIUM CHLORIDE

BISCO's phosphoric acid ETCHANTS are polymer-thickened and effectively remove the smear layer, etch and demineralize enamel and dentin. BISCO's semi-gel ETCHANTS are easily manipulated into small areas such as endodontically treated root canals and undercuts. This makes them more versatile than thicker gel etchants for etching all restorative surfaces. Published research proves that BISCO ETCHANTS produce higher bond strengths to (wet or dry) dentin¹ and enamel. BISCO's specially formulated ETCHANTS contain benzalkonium chloride (BAC), an antimicrobial agent.

• UNI-ETCH (32%), ETCH 37 (37%) w/BAC (4 Syringe Pkg w/Disposable Needle Tips)

FREE SAMPLE AVAILABLE



UNIQUE BENEFITS

- Semi-gel formula exhibits thixotropic properties, enhancing handling characteristics
- Rinses away cleanly and quickly leaving no residue to interfere with bonding
- Available in 2 concentrations (32% and 37%) for every application and preference

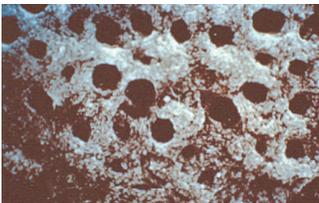
CLINICAL SIGNIFICANCE

- Produces the microretentive surface characteristics that are necessary for successful bonding
- Available with benzalkonium chloride (BAC) to provide a residual antimicrobial effect* even after rinsing²

* U.S. Patent: 5,385,728

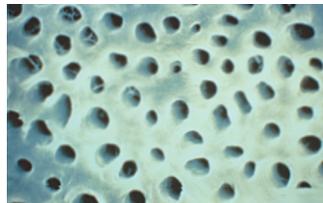
1. Kanca, J.J. "Etchant Composition and Bond Strength to Dentin." Am J Dent 1993;6:162-164.

2. Chan, D.C. N., Lo, W. W. Residual Antimicrobial Action of Benzalkonium Chloride-Containing Etchant. J Dent Res 1994; 73(IADR Abstracts): P226; Abstr No 995.



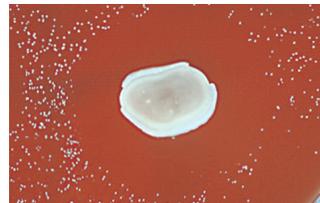
TYPICAL GEL

Note the presence of silica, used as filler, on the etched, rinsed surface. Imperceptible to the naked eye, the remaining debris can impede the flow of primer over the dentin surface and into the dentinal tubules. This can compromise surface wetting and bond strength.



BISCO's SEMI-GEL

BISCO etchants utilize a polymer to create thixotropic properties and enhance handling characteristics. Furthermore, it leaves no residue, rinsing away completely.



ETCHANTS WITH BAC

Research confirms the development of residual bacterial inhibition zones of up to 7mm, when challenged with Streptococcus mutans and Actinomyces viscosus.²

+ RELATED MATERIALS



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ONE-STEP® PLUS**



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All-Bond 2
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