

Synopsis of Fluoride Varnishes (Project 06-16) (2/07)

This synopsis provides information obtained from the manufacturers on several commonly used fluoride varnishes. The fluoride varnishes are listed alphabetically by company.

Topically-applied fluoride varnishes have historically consisted of a preparation of sodium fluoride in a resin carrier and have been widely used as a caries prevention agent for pediatric and high-risk caries patients in Western Europe, Canada, and Scandinavia. In 1991 the United States Food and Drug Administration (FDA) approved the use of fluoride varnishes for cavity liners and treatment of hypersensitive tooth structure, not as a caries prevention agent. A systematic review and three meta-analyses have been published regarding the use of fluoride varnishes for caries prevention with overall positive results. The latest guidelines from the American Dental Association Council on Scientific Affairs contain recommendations regarding the use of fluoride varnish as a professionally-applied treatment for caries prevention. Even so, clinicians need to be mindful these guidelines involve the "off-label" use of fluoride varnish.

This synopsis provides information obtained from manufacturers that were identified from either Internet searches and/or publications. One additional fluoride varnish was found to be on the market (Fluoridex, Discus Dental) but the manufacturer did not respond to our request for information. The varnishes are listed alphabetically by manufacturer and represent eight products which should provide clinicians many choices in fluoride varnish delivery method, color, flavor, and concentration. When reviewing the [tables](#) please remember that the information contained has not been confirmed by DECS evaluation.



Synopsis of Fluoride Varnishes*

Product	<p style="text-align: center;">Duraphat</p> 	<p style="text-align: center;">ALLSolution 5% Sodium Fluoride Varnish</p> 	<p style="text-align: center;">Fluor Protector™</p> 
Manufacturer	Colgate Oral Pharmaceuticals 300 Park Avenue New York, NY 10022 (800) 221-4607 (972) 888-8300 (800) 346-3757 FAX (972) 888-8723 FAX www.colgateprofessional.com	Dentsply Professional-East 1301 Smile Way York, PA 17404 (800) 989-8826 ext 58636 (717) 767-8250 FAX www.dentsply.com	Ivoclar Vivadent, Inc. 175 Pineview Drive Amherst, NY 14228 (800) 533-6825 (716) 691-0010 (716) 691-2285 FAX www.ivoclarvivadent.us.com
Price (Retail/Govt)	10 mL Tube— \$25.99/\$19.12	50—\$76.20/\$49.75	\$77.20/\$33.12
Delivery Mode	Tube	Unit Dose/Brush (0.20 mL)	Brush
Active Ingredient	5% Sodium Fluoride	5% Sodium Fluoride	Fluorosilane 1%
Other Ingredients	Alcohol, Natural resins	Natural Rosins, Ethyl Alcohol, Silica, Glycerin, Raspberry flavor	Aromatic Isocyanate 15%, 75% solution in Ethylacetate 64%, Ethylacetate 20%
Additional Information	- Raspberry Essence flavor	- Raspberry flavor - Dries to a tooth color shade	- Low concentration of fluoride (0.1%) - Available in single dose or resealable screw-top bottles - Suitable for all ages - Colorless

* Manufacturers provided the data for these tables. The listing or omission of a product in this table does not imply endorsement, approval, or disapproval by DECS.

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Product	 <p>VarnishAmerica 5% SODIUM FLUORIDE VARNISH Dries to a natural tooth color! with Xylitol</p>	 <p>Vanish White Fluoride Varnish VANISH 5% NAF WHITE VARNISH CONVENIENT UNIT-DOSE PACKAGING</p>	 <p>Fluorilaq 5% SODIUM FLUORIDE VARNISH PROFESSIONAL</p>
Manufacturer	Medical Products Laboratories, Inc. 9990 Global Road Philadelphia, PA 19115 (800) 523-0191 ext 126 (215) 677-2700 ext 126 (215) 677-7736 FAX www.medprodlabs.com	OMNI Preventive Care, A 3M Company 1500 North Florida Mango Rd Suite 1 West Palm Beach, FL 33411 (800) 445-3386 www.omnipharma.com	Pascal Company, Inc. PO Box 1478 Bellevue, WA 98009 (800) 426-8051 (425) 827-2120 FAX www.pascaldental.com
Price (Retail/Govt)	0.25 mL box of 32– \$30.50/\$21.60 0.25 mL box of 200– \$155.00/\$110.00 0.4 mL box of 32– \$35.00/\$27.00 0.4 mL box of 200– \$180.00/\$130.00	Trial Box (50)– \$112.50/\$82.50 1000 pack– \$1200.00/\$950.00	10 mL Tube–\$19.95/\$9.95
Delivery Mode	Unit Dose/Brush 0.25 mL/0.4 mL	Unit Dose/Brush	Tube
Active Ingredient	5% Sodium Fluoride	5% Sodium Fluoride	5% Sodium Fluoride
Other Ingredients	Xylitol	Alcohol, Natural resin, Water	Gum Resin, Ethanol, Silicon dioxide, Flavor Xylitol, Water
Additional Information	- Bubble gum and Raspberry flavors - Dries to natural tooth color	- Cherry, Melon, and Mint flavors	- Bubble gum flavor - No mixing required - Penetrates plaque, no prophylaxis required

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Product	DuraShield 	Flor-Opal Varnish 
Manufacturer	Sultan Healthcare, Inc. 85 West Forest Avenue Englewood, NJ 07631 (800) 637-8582 (201) 871-1232 (201) 871-0321 FAX www.sultandental.com	Ultradent Products, Inc. 505 W. 10200 S. South Jordan, UT 84095 (800) 552-5512 (801) 572-4200 (801) 572-0600 FAX www.ultradent.com
Price (Retail/Govt)	Box of 32—\$45.00/27.00 Case of 12— \$540.00/\$324.00 Box of 200— \$185.00/\$74.00 Case of 6— \$740.00/\$444.00 (\$100.00 minimum order)	5 syringes and 7 tips \$11.49/\$9.77 20 syringes and 25 tips \$39.99/\$33.99
Delivery Mode	Unit Dose/Brush	Syringe
Active Ingredient	5% Sodium Fluoride	5% Sodium Fluoride
Other Ingredients	Xylitol, Ethanol, Colophony (resin)	Ethanol, Methylsalicylate
Additional Information	<ul style="list-style-type: none"> – Bubble Fun flavor. – Sets on contact with saliva – Unit-dose package – Light amber color 	<ul style="list-style-type: none"> – Bubble gum and Mint flavors – Light yellow-white color

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