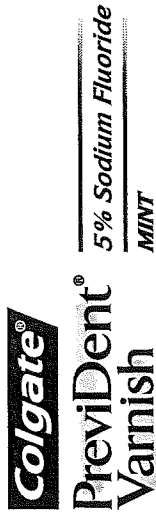


# PreviDent, Varnish (Mint) MSDS - Inside



**PROFESSIONAL USE ONLY**

These instructions and Material Safety Data Sheet (MSDS) cover the following product size:  
 1.6 FL OZ (45.7 mL) Plastic Squeeze Tube

**INDICATIONS FOR USE:**  
 PreviDent Varnish is a fluoride varnish which, when applied to dental surfaces, rapidly penetrates quickly and easily. This product acts rapidly on contact with saliva, resulting in patient comfort and acceptance. PreviDent Varnish will form a thin film on the teeth after application.

**Contraindications:** Use of this suspension contains 50 mg sodium fluoride, equivalent to 22.6 mg fluoride ion, in a suitable solution of natural matrix. PreviDent Varnish is topical fluoride for the treatment of dentin and post-operative sensitivity.

**Directions for Use:**  
 PreviDent Varnish should be applied according to the instructions.

**Precautions:**  
 1. Wash and dry tooth surface.  
 2. Apply product with supplied brush to the conventional anesthetic.  
 3. Allow excess varnish on the tooth's surface until the varnish surface is dry.  
 4. Do not eat or drink for 30 minutes after application.  
 5. Do not use water with, or on the patient may have immediately after application of the product.  
 6. It is recommended that the patient be instructed to eat only soft foods for 2 hours after treatment.

**Contraindications:** Ulcerative gingivitis and stomatitis.

**Interactions:** When PreviDent Varnish is applied, other fluoride preparations such as fluoride gel should not be administered during the same day. The fluoride ion of fluoride tablets should be interrupted for several days after treatment.

**Warnings:** PreviDent Varnish is a fluoride varnish product. Avoid application to sensitive surfaces. Systemic fluoride toxicity has occurred in children. Research has been reported when extensive applications have been made. If required, varnish film can be removed with a thorough brushing.

**Net Weight:** 0.0141 Oz (0.4 mL) unit dose. Flavors: Mint and Raspberry. Store in a cool, dry place.

**CAUTION: PREVI-DENT VARNISH (MINT) IS A FLUORIDE VARNISH. It is not for consumer use and does not address consumer use of this product. For information regarding consumer applications of this product, refer to the product label.**

**1. PRODUCT AND COMPANY IDENTIFICATION**  
 Product Name: COLGATE PREVI-DENT VARNISH (MINT)  
 CAS Number: 7681-85-4  
 Product Form: Paste  
 COLGATE-ORAL  
 Emergency Telephone: (800) 421-3888  
 For emergency involving spill, leak, fire, or other hazard, call CHEMTREC (800) 424-9300, day or night, New York, NY 10022

**2. HAZARDS IDENTIFICATION**  
**Environmental Hazards:**  
 PreviDent Varnish is not flammable, non-toxic, non-corrosive, and non-irritating.  
**PreviDent Varnish (Mint) MSDS**  
 Date: 06.01.09  
 Author: Chris Weiler  
 Reviewer: Chris Weiler  
 Manufacturer Name/Address/Contact:

**3. CHEMICAL INFORMATION**  
 Chemical Name: 5% Sodium Fluoride  
 Chemical Formula: NaF  
 Molecular Weight: 41.99 g/mol  
 Concentration: 5% w/w  
 CAS No.: 7681-85-4  
 EC No.: 231-732-2  
 RTE: H302, H312, H332  
 P201, P202, P273  
 PreviDent Varnish (Mint) MSDS

**4. PHYSICAL AND CHEMICAL PROPERTIES**  
 Appearance: White, thick paste  
 Odor: Mint  
 pH: 7.0-8.0  
 Specific Gravity: 1.05  
 Melting Point: 988°C (1810°F)  
 Boiling Point: 1661°C (3020°F)  
 Flash Point: Not applicable  
 Solubility: Soluble in water  
 Viscosity: 100,000 cP (at 25°C)

**5. STABILITY AND REACTIVITY**  
 General: Stable under normal conditions. No hazardous reactions are known.  
 Hazardous Decomposition Products: None known.

**6. TOXICOLOGICAL INFORMATION**  
 LD50 (Oral, Rat): 1500 mg/kg  
 LD50 (Dermal, Rabbit): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg

**7. ECOLOGICAL INFORMATION**  
 Biodegradability: Biodegradable  
 Persistence in the environment: Low  
 Bioaccumulation: No  
 Toxicity to aquatic life: No

**8. DISPOSAL CONSIDERATIONS**  
 General Information: Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agencies for specific rules). Do not dump into drains, dry body, or into the ground.  
 RCRA Information: 2001

**9. REGULATORY INFORMATION**  
 OSHA-REGULATED COMPONENTS (Percent by Weight):  
 Sodium Fluoride: 5.0%  
 Water: 95.0%  
 Other Ingredients: 0.1%  
 OSHA-REGULATED COMPONENTS (Percent by Volume):  
 Sodium Fluoride: 15.75%  
 Water: 84.25%  
 Other Ingredients: 0.0%  
 OSHA-REGULATED COMPONENTS (Percent by Molar):  
 Sodium Fluoride: 1.0 mg/ml  
 Water: 2.5 mg/ml  
 Other Ingredients: 2.5 mg/ml

**10. EXPOSURE CONTROLS / PERSONAL PROTECTION**  
 Engineering Controls: In an industrial work environment no special precautions or control measures are required.  
 Personal Protective Equipment: In an industrial work environment, a splash & body chemical goggles may be needed. Protective clothing may require protective gloves for consumer use, no unusual precautions are necessary.

**11. PHYSICAL AND CHEMICAL PROPERTIES**  
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 Solubility: Soluble in water  
 Viscosity: 100,000 cP (at 25°C)

**12. STABILITY AND REACTIVITY**  
 General: Stable under normal conditions. No hazardous reactions are known.  
 Hazardous Decomposition Products: None known.

**13. TOXICOLOGICAL INFORMATION**  
 LD50 (Oral, Rat): 1500 mg/kg  
 LD50 (Dermal, Rabbit): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg

**14. ECOLOGICAL INFORMATION**  
 Biodegradability: Biodegradable  
 Persistence in the environment: Low  
 Bioaccumulation: No  
 Toxicity to aquatic life: No

**15. DISPOSAL CONSIDERATIONS**  
 General Information: Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agencies for specific rules). Do not dump into drains, dry body, or into the ground.  
 RCRA Information: 2001

**16. REGULATORY INFORMATION**  
 OSHA-REGULATED COMPONENTS (Percent by Weight):  
 Sodium Fluoride: 5.0%  
 Water: 95.0%  
 Other Ingredients: 0.1%  
 OSHA-REGULATED COMPONENTS (Percent by Volume):  
 Sodium Fluoride: 15.75%  
 Water: 84.25%  
 Other Ingredients: 0.0%  
 OSHA-REGULATED COMPONENTS (Percent by Molar):  
 Sodium Fluoride: 1.0 mg/ml  
 Water: 2.5 mg/ml  
 Other Ingredients: 2.5 mg/ml

**17. EXPOSURE CONTROLS / PERSONAL PROTECTION**  
 Engineering Controls: In an industrial work environment no special precautions or control measures are required.  
 Personal Protective Equipment: In an industrial work environment, a splash & body chemical goggles may be needed. Protective clothing may require protective gloves for consumer use, no unusual precautions are necessary.

**18. PHYSICAL AND CHEMICAL PROPERTIES**  
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 Odor: Mint  
 pH: 7.0-8.0  
 Specific Gravity: 1.05  
 Melting Point: 988°C (1810°F)  
 Boiling Point: 1661°C (3020°F)  
 Flash Point: Not applicable  
 Solubility: Soluble in water  
 Viscosity: 100,000 cP (at 25°C)

**19. STABILITY AND REACTIVITY**  
 General: Stable under normal conditions. No hazardous reactions are known.  
 Hazardous Decomposition Products: None known.

**20. TOXICOLOGICAL INFORMATION**  
 LD50 (Oral, Rat): 1500 mg/kg  
 LD50 (Dermal, Rabbit): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg

**21. ECOLOGICAL INFORMATION**  
 Biodegradability: Biodegradable  
 Persistence in the environment: Low  
 Bioaccumulation: No  
 Toxicity to aquatic life: No

**22. DISPOSAL CONSIDERATIONS**  
 General Information: Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agencies for specific rules). Do not dump into drains, dry body, or into the ground.  
 RCRA Information: 2001

**DESIGN COMPLEXITY**  
 SIMPLE  MODERATE  COMPLEX   
 Applications: Adult, Illus, CS2  
 Fonts Used: Helvetica Family, Helvetica Neue Family, ITC Symbol Family, Times 2.1 Family, Helvetica Family

**CONTRACT PROOFS**  
 YES  NO   
 SPOT  OVERALL   
 GLOSS  MATTE   
 YES  NO

**COLOR STATIONS - INCLUDES INKS, VARNISH & STAMPING**  
 Printing Method by Color, Offset  
 BLACK  
 BLACK

**VERSION #:** 4  
**PART #:** P10001334  
**DATE:** 06.01.09

**CP Brand Manager:** Economic Cassette, color@colgate.com  
**Product:** PreviDent Varnish Mint MSDS  
**Production House #:** 41352  
**Date:** 06.01.09  
**Artist:** Chris Weiler  
**AKES Sold in:** US

**Product Authorization #:** 0000-1157  
**UPC#:** N/A  
**Separator:**  
**File Name:** 41352 PD Vrnsh Mint MSDS V4  
**Printer Name/Address/Contact:** MIPL  
**Alt#: 503 Stone - (215) 677-9634  
 Fax: (215) 677-9634  
 Manufacturer Name/Address/Contact:**

Material Name	Account Name	Production Method
Aluminum	DATE: 06.01.09	EX
Steel	DATE: 06.01.09	EX
Plastic	DATE: 06.01.09	EX
Glass	DATE: 06.01.09	EX
Wood	DATE: 06.01.09	EX
Textile	DATE: 06.01.09	EX
Paper	DATE: 06.01.09	EX
Other	DATE: 06.01.09	EX
...	...	...

**1. IDENTIFICATION**  
 Product Name: COLGATE PREVI-DENT VARNISH (MINT)  
 CAS Number: 7681-85-4  
 Product Form: Paste  
 COLGATE-ORAL  
 Emergency Telephone: (800) 421-3888  
 For emergency involving spill, leak, fire, or other hazard, call CHEMTREC (800) 424-9300, day or night, New York, NY 10022

**2. HAZARDS IDENTIFICATION**  
**Environmental Hazards:**  
 PreviDent Varnish is not flammable, non-toxic, non-corrosive, and non-irritating.  
**PreviDent Varnish (Mint) MSDS**  
 Date: 06.01.09  
 Author: Chris Weiler  
 Reviewer: Chris Weiler  
 Manufacturer Name/Address/Contact:

**3. CHEMICAL INFORMATION**  
 Chemical Name: 5% Sodium Fluoride  
 Chemical Formula: NaF  
 Molecular Weight: 41.99 g/mol  
 Concentration: 5% w/w  
 CAS No.: 7681-85-4  
 EC No.: 231-732-2  
 RTE: H302, H312, H332  
 P201, P202, P273  
 PreviDent Varnish (Mint) MSDS

**4. PHYSICAL AND CHEMICAL PROPERTIES**  
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 Odor: Mint  
 pH: 7.0-8.0  
 Specific Gravity: 1.05  
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 Flash Point: Not applicable  
 Solubility: Soluble in water  
 Viscosity: 100,000 cP (at 25°C)

**5. STABILITY AND REACTIVITY**  
 General: Stable under normal conditions. No hazardous reactions are known.  
 Hazardous Decomposition Products: None known.

**6. TOXICOLOGICAL INFORMATION**  
 LD50 (Oral, Rat): 1500 mg/kg  
 LD50 (Dermal, Rabbit): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg  
 LD50 (Inhalation, Rat): 1500 mg/kg  
 LD50 (Inhalation, Mouse): 1500 mg/kg  
 LD50 (Inhalation, Guinea Pig): 1500 mg/kg

**7. ECOLOGICAL INFORMATION**  
 Biodegradability: Biodegradable  
 Persistence in the environment: Low  
 Bioaccumulation: No  
 Toxicity to aquatic life: No

**8. DISPOSAL CONSIDERATIONS**  
 General Information: Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agencies for specific rules). Do not dump into drains, dry body, or into the ground.  
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**9. REGULATORY INFORMATION**  
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 Sodium Fluoride: 5.0%  
 Water: 95.0%  
 Other Ingredients: 0.1%  
 OSHA-REGULATED COMPONENTS (Percent by Volume):  
 Sodium Fluoride: 15.75%  
 Water: 84.25%  
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 OSHA-REGULATED COMPONENTS (Percent by Molar):  
 Sodium Fluoride: 1.0 mg/ml  
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**10. EXPOSURE CONTROLS / PERSONAL PROTECTION**  
 Engineering Controls: In an industrial work environment no special precautions or control measures are required.  
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**12. STABILITY AND REACTIVITY**  
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**14. ECOLOGICAL INFORMATION**  
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 Persistence in the environment: Low  
 Bioaccumulation: No  
 Toxicity to aquatic life: No

**15. DISPOSAL CONSIDERATIONS**  
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**CONTRACT PROOFS**  
 YES  NO   
 SPOT  OVERALL   
 GLOSS  MATTE   
 YES  NO

**COLOR STATIONS - INCLUDES INKS, VARNISH & STAMPING**  
 Printing Method by Color, Offset  
 BLACK  
 BLACK

**VERSION #:** 4  
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 LD50 (Inhalation, Guinea Pig): 1500 mg/kg

**7. ECOLOGICAL INFORMATION**  
 Biodegradability: Biodegradable  
 Persistence in the environment: Low  
 Bioaccumulation: No  
 Toxicity to aquatic life: No

**8. DISPOSAL CONSIDERATIONS**  
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**CONTRACT PROOFS**  
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 GLOSS  MATTE   
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**COLOR STATIONS - INCLUDES INKS, VARNISH & STAMPING**  
 Printing Method by Color, Offset  
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 BLACK

