

Material Safety Data Sheet

Premier® Enamelon® Treatment Gel

MSDS, Rev. 0

Last revised: 03-January-2014

Approved for Use: 03-January-2014

This industrial Material Safety Data Sheet is not intended for consumers and does not address consumer product use. For information regarding consumer application of this product, refer to the product label.

1. IDENTIFICATION

Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
Phone: 610-239-6000 Fax: 610-239-6171

Product Name: Enamelon® Preventive Treatment Gel
CAS Number: Not applicable – product is a mixture
General Use: A preventive treatment gel for anticavity, antigingivitis and sensitive teeth

2. HAZARDS IDENTIFICATION

Emergency Overview:

Opaque white gel
Mint taste and odor
Not a fire hazard; not an environmental hazard.
Slight eye irritation potential.
Spills will cause slippery conditions

Potential Health Effects

Eye: Irritating, but will not cause permanent injury. Effects will be minimized with washing.
Skin Contact: Not a skin irritant.
Ingestion: Not considered toxic by ingestion.
Swallowing large amounts (tablespoonfuls) may result in abdominal discomfort.
Inhalation: None known.
Subchronic Effects/ Carcinogenicity: None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredient (% by Weight)

Each Phase:

Binders, Thickeners, Abrasives	15 to 50%
Humectants	35 to 55%
Cleaning Agent, Fluoride	5 to 15%
Flavor, Sweetener, Color, Carrier	<5%

Workplace Considerations: Contains no other hazardous ingredients listed or defined in 29 CFR 1910, Subpart Z, at greater than 1% (and 0.1% for carcinogens).

Exempt from OSHA and WHMIS as a packaged consumer drug and cosmetic product.

Odor: Mint

Physical State: Solid/Paste

pH (25% Soln. w/v): Range 4.05-6.0

Vapor Pressure: Not determined

Vapor Density: Not determined

Boiling Point: Not determined

Freezing /Melting Point: Not determined

Solubility in Water: Completely miscible and moderately soluble.

Specific Gravity(water = 1): Approximately 1.30

Apparent Density(g/cc): Approximately 12.5 lbs/gal.

% Volatile: 25 - 30% as water.

Molecular Weight: Not applicable (mixture)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: For product integrity, avoid temperatures above 130°F.

Flavor in product is subject to degradation at prolonged elevated temperatures.

Incompatibility with Other Materials: Contact with acids will generate carbon dioxide.

Hazardous Decomposition Products: Thermal decomposition will result in the release of carbon monoxide and carbon dioxide.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Eye Effects: Slight to moderate irritation possible.

Washing will decrease irritation effect and duration.

Skin: Not a primary skin irritant. Over-exposure may cause mild irritation.

Human long-term safety-in-use studies on similar toothpaste products resulted in no significant product-related oral irritation effects.

Acute Oral Effects: Considered practically non-toxic. Oral LD₅₀ > 5g/kg.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal regulations. Local and state laws may be different than federal. Be sure to consult with local and state agencies for specific rules.

Landfill this product in accordance with all applicable regulations. Dilute and drain small amounts to sewer.

14. TRANSPORT INFORMATION

D.O.T. Shipping Name: Not regulated

Technical Shipping Name: Not applicable

D.O.T. Hazard Class: None

U.N./N.A. Number: None

Hazardous Substance/RQ: None

D.O.T. Label: None

D.O.T. Placard: None

ADR/RID:

UN no: None