

Material Safety Data Sheet

Enamel Pro[®] Gel

Non-Acidulated Fluoride Topical Gel

MSDS, Rev. 1

Last revised: 01-October-2008

Approved for Use: 01-October -2008

1. Chemical product and company identification

Product Name: Enamel Pro[®] Gel
Product Description: Non-Acidulated Fluoride Topical Gel

Company Name: Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462 USA
Tel: 610-239-6000
Fax: 610-239-6171
Emergency Tel: 610-239-6000

2. Composition / Information on Ingredients

Hazardous Ingredients:

Chemical Name:	CAS	EINECS	Classification
Fumed Silica	7631-86-9		[Xi] R36; [Xn] R20
Sodium Fluoride	7681-49-4	231-667-8	[T] R25; [-]R32; [Xi] R36/38
Dibasic Sodium Phosphate			[Xi] R36/38

3. Hazards Identification

Main hazards: Harmful if swallowed.
Contact with acids liberates very toxic gas.

4. First Aid Measures (symptoms)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

First Aid Measures (actions)

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Consult a doctor.

5. Fire Fighting Measures

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards:	In combustion emits toxic fumes.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
6. Accidental Release Measures	
Personal precautions:	Refer to section 8 of MSDS for personal protection details.
Environmental precautions:	Do not discharge into drains or rivers.
Clean-up procedures:	Wash the spillage site with large amounts of water.
7. Handling and Storage	
Handling requirements:	Avoid the formation or spread of dust in the air.
Storage conditions:	Store in cool, well ventilated area.
8. Exposure Controls/Personal Protection	
Personal Protective Equipment	
Respiratory protection:	Respiratory protective device with particle filter.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.
9. Physical and Chemical Properties	
State:	Gel
Odor:	Characteristic odor
Solubility in water:	Soluble
10. Stability and Reactivity	
Stability:	Stable under normal conditions.
Conditions to avoid:	Heat
Materials to avoid:	Strong oxidizing agents. Strong acids.
Haz. decomp products:	In combustion emits toxic fumes.
11. Toxicological Information	
Hazardous ingredients:	FUMED SILICA ORL RAT LD50>5000 mg/kg. • SODIUM FLUORIDE ORL MUS LD50 57mg/kg ORL RAT LD50 52mg/kg SCU RAT LD50 175 mg/kg
Routes of exposure:	Refer to section 4 of MSDS for routes of exposure and corresponding symptoms.

12. Ecological Information

Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Other adverse effects: Negligible ecotoxicity.

13. Disposal Considerations

NB: The user's attention is drawn to the possible existence of regional and national regulations regarding disposal.

14. Transport Information

Road and Rail (ADR/RID)
Air (ICAO/IATA)
Vessel (IMO/IMDG)

15. Regulatory Information

European Community
EEC Label Symbol and Classification

Hazard symbols: Harmful



Risk phrases: R22: Harmful if swallowed.
R32: Contact with acids liberates very toxic gas.

Precautionary phrases:
Restricted to professional users.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the material safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other Information

Relevant R-Phrases: R36: Irritating to eyes.
R20: Harmful by inhalation.
R25: Toxic if swallowed.
R32: Contact with acids liberates very toxic gas.
R36/38: Irritating to eyes and skin.

Legal Disclaimer: FOR DENTAL USE ONLY: Use as directed.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.
This company shall not be held liable for any damages resulting from handling or from contact with the above product.

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