

Material Safety Data Sheet

Enamel Pro® Varnish

Varnish, 5% Sodium Fluoride

MSDS, Rev. 3

Last revised: 18-March -2013

Approved for Use: 05-October -2006

1. Chemical product and company identification

Product Name: **Enamel Pro® Varnish**
 Varnish, 5% Sodium Fluoride

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 Number:	EINECS	Classification Content
Rosin	8050-09-7	232-475-7	[Sens.] R43
Ethanol	64-17-5	200-578-6	[F] R11
Sodium Fluoride	7681-49-4	231-667-8	[T] R25, [-] R32, [Xi] R36/38
Dibasic Sodium Phosphate			[Xi] R36/38
Calcium Sulfate Dihydrate	10101-41-4		[Xi] R36/37/38

3. Hazards Identification

Main hazards: Harmful if swallowed. Contact with acids liberates very toxic gas.
Irritating to eyes and skin. Maybe cause sensitization by skin contact.

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: No symptoms.

Action:

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. Use water-spray to cool containers.
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 SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

7. Handling and Storage

Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed.
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8. Exposure Controls / Personal Protection

Hazardous ingredients:	ETHANOL TWA 1920 mg/m ³
Respiratory protection:	Respiratory protection not required
Hand protection:	Protective gloves
Eye protection:	Safety glasses. Ensure eye bath is at hand.
Skin Protection:	Protective clothing

9. Physical and Chemical Properties

Physical state:	Liquid
Color:	Off-white
Odor:	Sweet-smelling
Evaporation rate:	Slow
Also soluble in:	Ethanol

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:

- Ethanol
IVN RAT LD50 1440mg/kg
ORL MUS LD50 3450 mg/kg
ORL RAT LD50 7060mg/kg
- Sodium Fluoride
ORL MUS LD50 57mg/kg
ORL RAT LD50 52mg/kg
SCU RAT LD50 175mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. Ecological Information

Mobility:	Readily absorbed into soil
Persistence & 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 or national regulations regarding disposal.

14. Transport Information:

ADR/RID:

UN no: --

ICAO/IATA:

IMO/IMDG:

15. Regulatory Information:

Hazard symbols: Harmful



Risk Phrases:

- R22: Harmful if swallowed.
- R32: Contact with acids liberates very toxic gas.
- R36/38: Irritating to eyes and skin.
- R43: May cause sensitization by skin contact.

Safety Phrases:

- S24: Avoid contact with skin.
- S37: Wear suitable gloves.

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 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

Risk phrases used in s.2:

R43:	May cause sensitization by skin contact.
R11:	Highly flammable.
R25:	Toxic if swallowed.
R32:	Contact with acids liberates very toxic gas.
R36/38:	Irritating to eyes and skin.
R36/37/38:	Irritating to eyes, respiratory system and skin.

Legal Disclaimer: 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 damage resulting from the handling or from contact with the above product.

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