

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075779616

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

075779301 075779319 075779327 075779384 075779426 075779434 075779608 075779624 075779632 075779673

075779681 075779731 075779749 075779756 075779764 273011565

# 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

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### **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:**

<b>Chemical Name:</b>	<b>CAS Number:</b>	<b>EINECS</b>	<b>Classification Content</b>
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.

## 8. Exposure Controls / Personal Protection

- Hazardous ingredients:** ETHANOL  
TWA 1920 mg/m<sup>3</sup>
- 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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051313 Rev6

# SAFETY DATA SHEET

## Enamel Pro® Varnish

### 1. Chemical product and company identification

**Product Identifier:** 9007540, 9007541, 9007542, 9007543, 9007544, 9007545 & 9007547  
**Product Name:** Enamel Pro® Varnish

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

**Recommended Use:** For the treatment of dentinal hypersensitivity, and for the reduction of post operative sensitivity. It can be used as a cavity liner.

**Restrictions for Use:** For professional use only.

### 2. Hazards Identification

#### Classification of the chemical

Skin Irritant Cat 2  
Skin Sensitisation Cat 1  
Eye Irritant Cat 2  
STOT Cat 3  
Flam Liq. Cat 2



**Hazard pictogram(s)** Exclamation Mark, Highly Flammable

**Signal word:** Warning, Danger

### 3. Composition/Information on Ingredients

Chemical Name:	CAS Number:	WT%	Classifications
Calcium Sulfate Dihydrate	10101-41-4	1-10%	Skin Irritant Cat 2 Eye Irritant Cat 2 Resp Irritant Cat 3
Dibasic Sodium Phosphate	7558-79-4	1-10%	Skin Irritant Cat 2 Eye Irritant Cat 2
Ethanol	64-17-5	10-30%	Flam Liquid Cat 2
Sodium Fluoride	7681-49-4	1-10%	Acute Tox Cat 3 Skin Irritant Cat 2 Eye Irritant Cat 2
Rosin	8050-09-7	50-70%	Skin Sensitisation Cat 1

### 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

<b>Extinguishing media:</b>	Suitable extinguishing media for the surrounding fire should be used. Use water-spray to cool containers.
<b>Exposure hazards:</b>	In combustion, emits toxic fumes.
<b>Protection of fire-fighters:</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. Accidental Release Measures

<b>Personal precautions:</b>	Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.
<b>Environmental precautions:</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
<b>Clean-up procedures:</b>	Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

## 7. Handling and Storage

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

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

## 9. Physical and Chemical Properties

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

## 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	Heat
<b>Materials to avoid:</b>	Strong oxidizing agents. Strong acids
<b>Haz. decomp. products:</b>	In combustion, emits toxic fumes

## 11. Toxicological Information

<b>Hazardous ingredients:</b>	<ul style="list-style-type: none"><li>Ethanol IVN RAT LD50 1440mg/kg ORL MUS LD50 3450 mg/kg ORL RAT LD50 7060mg/kg</li><li>Sodium Fluoride ORL MUS LD50 57mg/kg ORL RAT LD50 52mg/kg SCU RAT LD50 175mg/kg</li></ul>
<b>Routes of exposure:</b>	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. Ecological Information

<b>Mobility:</b>	Readily absorbed into soil
<b>Persistence &amp; degradability:</b>	Biodegradable
<b>Bioaccumulative potential:</b>	No bioaccumulation potential
<b>Other adverse effects:</b>	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:

Product not classified as dangerous in the meaning of transport regulations.

**ADR/RID: n/a**

**ICAO/IATA: n/a**

**IMO/IMDG: n/a**

## 15. Regulatory Information:

### Risk phrases:

R11 Highly Flammable  
R32 Contact with acids liberates very toxic gas  
R43 May cause sensitisation by skin contact  
R36/38: Irritating to eyes and skin  
R36/37/38 Irritating to eyes, respiratory system and skin

### Hazard Statements:

H319 Causes serious eye irritation  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H225 Highly Flammable liquid  
H335 May cause respiratory irritation

### Precautionary phrases:

P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.  
P233 Keep container tightly closed  
P264 Wash thoroughly after handling.  
P261 Avoid breathing vapors  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves, protective clothing, eye protections and face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical attention.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 If skin irritation occurs: Get medical attention.  
P362 Take off contaminated clothing and wash before reuse.  
P303+ P361 +P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower  
P370+P378 In case of fire: Use Suitable extinguishing media for the surrounding fire should be used to extinguish  
P403 +P235 Store in a well ventilated place. Keep cool.  
P501 Dispose of contents and container in accordance with local and national regulations



**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**

**Premier's revision date:** 11/17/2015

**Revision number:** 8

**Supplier's number:** 031813

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The information contained herein is based on our present knowledge. However, this information shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Premier Dental Products Company makes no warranties, express or implied with respect to, and assumes no responsibility or liability for, the accuracy or completeness of the information contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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111558 Rev8