

# 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

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.  
**Exposure hazards:** Use water-spray to cool containers.  
**Protection of fire-fighters:** In combustion, emits toxic fumes. 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 allow contact with soil, surface or ground water.  
**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:**

US DOT	UN 1170, Ethanol, <b>Hazard Class 3, Packing</b> group III, Hazard Label 2-Flamable
TDG	UN 1170, Ethanol, <b>Hazard Class 3, Packing</b> group III, Hazard Label 2-Flamable
IMDG	UN 1170, Ethanol, <b>Hazard Class 3, Packing</b> group III, Hazard Label 2-Flamable
Marine Pollutant	No
IATA/ICAO	UN 1170, Ethanol, <b>Hazard Class 3, Packing</b> group III, Hazard Label 2-Flamable
Hazchem Code	<b>2YE</b>

**15. Regulatory Information:**

**Risk phrases:**

R11 Highly Flammable  
 R32 Contact with acids liberates very toxic gas  
 R43 May cause sensitization 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:** 9-July-2021

**Revision number:** 9

**Supplier's number:** 031813

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