

# Safety Data Sheet

## Tastytooth™

### 5% Sodium Fluoride Varnish

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#### 1. Identification

**Product Name:** Tastytooth™ fluoride Varnish

**Product Codes:** 9007580, 9007581 & 9007582

**Product Description:** 5% sodium fluoride varnish

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

**Recommended Use:** Dental Product

**Restrictions for Use:** For professional use only. Do not swallow.

#### 2. Hazards identification

##### 2.1. Classification of the substance or mixture

GHS Classification

Flammable liquid category 2

Acute Toxicity category 3

Eye Irritant category 2

Skin Sensitizer category 1

Signal word: Danger

Hazard Statements:

Highly flammable liquid and vapor

Harmful if swallowed

Causes serious eye irritation

**Hazard pictogram(s):** Flammable, Harmful Irritant



**Precautionary Statements:**

Keep away from heat. Sparks, open flames, and hot surfaces. No smoking.

Keep out of the reach of children.

Wash hands thoroughly after handling.

Hazards not otherwise classified: None

Unknown Acute Toxicity: No ingredient with unknown toxicity.

#### 3. Composition / information on ingredients

##### 3.1. Substances

Not Applicable

##### 3.2. Mixtures

Chemical Name	CAS #	EINECS No.	Wt. %
Ethanol	64-17-5	200-578-6	10-35%
Sodium Fluoride	7681-49-4	231-667-8	4-6%
Synthetic Resin	68990-02-3	273-574-5	50-70%

#### 4. First aid measures

##### 4.1. Description of first aid measures

**Eye Contact:** Flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation develops or persists.

**Skin Contact:** Wash skin with plenty of soap and water. Get medical attention if irritation develops.

**Ingestion:** Do not induce vomiting. If conscious, rinse out mouth with water and give copious amounts of milk, or water if milk is not available. Never give anything by mouth to an unconscious person. If symptoms persist, get immediate medical attention.

**Inhalation:** Move victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention if irritation persists.

##### 4.2. Most important symptoms and effects, both acute and delayed

**Eyes:** May cause eye irritation.

**Skin:** May cause skin irritation. May cause skin sensitization.

**Ingestion:** May be harmful if swallowed.

##### 4.3. Indication of any immediate medical attention and special treatment needed

**Notes to physician:** No information available.

#### 5. Fire fighting measures

##### 5.1. Extinguishing media

**Suitable Extinguishing media:** Use media appropriate for the surrounding fire.

**Unsuitable Extinguishing media:** None Known

##### 5.2. Special hazards arising from the substance or mixture

Highly flammable liquid and vapor.

##### 5.3. Advice for firefighters

**Special Protective equipment and precautions for firefighters:** Firefighters should wear full emergency equipment and positive pressure self-contained breathing apparatus.

**Unusual Fire/ Explosion Hazards:** None under normal conditions of use.

**Known or Anticipated hazardous Products of Combustion:** Carbon monoxide, carbon dioxide and toxic fumes.

#### 6. Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

**General procedures:** Avoid contact with eyes, skin and clothing. Use appropriate protective equipment as described in Section 8.

##### 6.2. Environmental precautions

**Water spill:** Prevent spill from entering waterways.

##### 6.3. Methods and material for containment and cleaning up

Wipe up or collect using an inert absorbent material and place in appropriate containers for disposal. Rinse spill area with water. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

##### 6.4. Reference to other sections

**Reference to other sections:** Not Applicable

#### 7. Handling and storage

**7.1. Precautions for safe handling:** Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers tightly closed when not in use.

Do not reuse containers. Empty containers retain product residues that can be hazardous. Follow all safety precautions when handling empty containers.

##### 7.2. Conditions for safe storage, including any incompatibilities

Store between 15-30°C (59°F-86°F). Keep out of direct sunlight. Keep away from heat and ignition sources. Keep out of reach of children. Store away from strong acids and oxidizing materials.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Control Parameters:** The parameters are not provided for the product itself. They are provided for the ingredients listed below:

Control Parameters	Exposure Limits
Sodium Fluoride (as Fluoride)	2.5mg/m <sup>3</sup> TWA ACGIH 2.5mg/m <sup>3</sup> TWA OSHA
Ethanol	1000 ppm STEL ACGIH 1900 mg/m <sup>3</sup> TWA OSHA

**Appropriate Engineering Controls:** No special ventilation normally required. For bulk handling, use ventilation that is adequate to maintain exposure levels below the occupational exposure limits.

### 8.2. Exposure controls

**Individual Protection Measures:** Personal Protective Equipment

**Eye protection:** Safety glasses recommended.

**Skin protection:** Wear impervious gloves.

**Respiratory protection:** None should be needed for normal use. If the exposure limits are exceeded an approved respirator with particulate cartridges or air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

**Other Protective Clothing or Equipment:** None needed for normal use. Impervious clothing as needed to avoid contamination of personal clothing for bulk handling.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state:** Liquid

**Appearance:** Off white to yellow colored liquid

**Odor:** Characteristic

**Odor Threshold:** Not available

**pH:** Not available

**Melting Point:** Not applicable

**Freezing Point:** Not available

**Boiling Point/Range:** Not available

**Flashpoint:** Not available

**Evaporation rate:** Not available

**Flammability (solid, gas):** Not available

**Upper/lower flammability or explosive limits:** LEL: not available UEL: Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Relative Density:** Not available

**Solubility in water:** Slightly soluble

**Partition coefficient: (n-octanol/water):** Not available

**Autoignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Viscosity:** Not available

## 10. Stability and reactivity

### 10.1. Reactivity

**Reactivity:** None known

### 10.2. Chemical stability

**Chemical stability:** Stable

### 10.3. Possibility of hazardous reactions

**Hazardous polymerization:** None under normal conditions of use.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Keep away from ignition sources.

#### 10.5. Incompatible materials

**Incompatible materials:** Avoid oxidizing agents and strong acids.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products:** May produce carbon monoxide, carbon dioxide and toxic fumes.

### 11. Toxicological information

#### 11.1. Information on toxicological effects

Toxicological data not available for the product itself. The data provided are for the ingredients listed below.

Sodium Fluoride: Oral rat LD<sub>50</sub>: 52 mg/kg

Ethanol: Oral rat LD<sub>50</sub>: 7060 mg/kg

#### **Likely Routes of Exposure and the Symptoms related to the Physical, Chemical and Toxicological**

##### **Characteristics:**

**Eyes:** Direct contact causes eye irritation.

**Skin:** Prolonged skin contact may cause irritation.

**Inhalation:** No adverse effects expected, under normal conditions of use.

**Ingestion:** May cause salivation, nausea, vomiting, abdominal pain, headaches, or dizziness.

**Chronic Health Effects:** Not expected under normal conditions of use. Repeated overexposure to Sodium Fluoride may cause fluorosis.

**Mutagenicity:** No data available.

**Carcinogenicity:** Not known to be as carcinogen or potential carcinogen by NTP (National Toxicological Program), IARC (International Agency for the Research of Cancer) or OSHA (Occupational Safety and Health Administration). Carcinogenicity of ethanol is only applicable when it is present in alcoholic beverages only.

**Medical Conditions Aggravated by Exposure:** Individuals with pre-existing skin and respiratory disease may be at increased risk from exposure.

### 12. Ecological information

Ecological data not available for the product itself. The data provided are for the ingredients listed below:

#### 12.1. Toxicity

##### **Aquatic toxicity (acute):**

Sodium Fluoride: 96 hrs. LC<sub>50</sub> rainbow trout: 51-108 mg/L

Ethanol: 96 hrs. LC<sub>50</sub> rainbow trout: >10,000 mg/L

#### 12.2. Persistence and degradability

**Persistence and degradability:** No information available

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available

#### 12.4. Mobility in soil

**Mobility in soil:** No data available

**Other adverse effects:** No information available

### 13. Disposal considerations

Dispose in accordance with national and local regulations.

### 14. Transport information

Please refer to your local, state and national transport regulations as limited quantity exceptions may apply for the product as supplied, before the use of the information provided in this section.

#### 14.1. UN number

**UN number:** 1170

**14.2. UN proper shipping name**

**UN proper shipping name:** Ethanol solutions

**14.3. Transport hazard class (es)**

**Primary hazard class/division:** 3

**Hazard classification:** 3

**14.4. Packing group**

**Packing group:** II

**15. Regulatory information**

**U.S. Federal Regulations:**

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Acute Health, Fire Hazard

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None at or above reportable quantity.

**Section 302 extremely hazardous Substances (TPO):** None at or above reportable quantity

**EPA Toxic Substances Control Act (TSCA) Status:** This product is a medical device and not subject to chemical notification requirements.

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:** 03/13/17

**Revision Number:** 1

Supplier number: 022317

**Legal disclaimer**

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