1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Fluorilaq™

Product Use: Professional Dental Topical 5% Sodium Fluoride Varnish for dental use

Manufacturer Name: Pascal International, Inc.

Address: 2929 Northup Way

Bellevue, Washington 98004

Emergency Telephone (Infotrac): 1-800-535-5053, 1-352-323-3500

Telephone: 1-425-827-4694, 1-800-426-8051

Fax: 1-425-827-6893

2. HAZARDS IDENTIFICATION

GHS Classification & Label Elements:

Physical Hazard

Flammable Liquid Category 2

Health Hazard

Mild Skin Irritant Category 3

Mild Eye Irritant Category 2B

Label Elements: No Symbol

Signal Word: Warning

Danger Flammable liquid

Hazard Statements:

H225 Highly flammable liquid

H303 May be harmful if swallowed

H316 Causes mild skin irritation

H320 Causes eye irritation

Prevention Statements

P210 Keep away from heat, sparks, open flames and hot surfaces.

P264 Wash exposed skin thoroughly after handling

P280 Wear protective gloves, protective clothing, eye protection and face protection

Response Precautionary Statements

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 IF SWALLOWED: call a POISON CENTER/Doctor if you feel unwell

P332 + P313 If skin irritation occurs: get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Entity (Components)</th>
<th>CAS No.</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Fluoride</td>
<td>7681-49-4</td>
<td>5%</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

<table>
<thead>
<tr>
<th>Routes of Exposure</th>
<th>First Aid Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation:</td>
<td>Remove to fresh air. If breathing is difficult, have qualified personnel administer oxygen and get immediate medical attention.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>If greater than normal dose is swallowed, do not induce vomiting. Rinse out mouth with water. Drink large quantity of water, milk or several ounces of Milk of Magnesia. Seek medical attention immediately.</td>
</tr>
<tr>
<td>Skin:</td>
<td>Flush well with water for at least 15 minutes. Wash skin with soap and water. Get medical attention if irritation persists.</td>
</tr>
<tr>
<td>Eye:</td>
<td>Flush well with water for at least 15 minutes holding the eyelids apart. See medical attention of irritation persists.</td>
</tr>
<tr>
<td>First Aid Facilities:</td>
<td>Seek Medical assistance for further treatment, observation and support if necessary.</td>
</tr>
</tbody>
</table>

5. FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Extinguishing Media</th>
<th>Carbon dioxide, alcohol-resistant foam, dry chemical and water spray. Suitable extinguishing media for the surrounding fire should be used.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Hazards</td>
<td>In combustion emits toxic fumes</td>
</tr>
<tr>
<td>Precautions in connection with fire:</td>
<td>Use of self contained breathing apparatus is recommended. Wear protective clothing to prevent contact with skin and eyes.</td>
</tr>
</tbody>
</table>

6. ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th>Emergency Procedures:</th>
<th>Collect using absorbent material.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Up Procedure:</td>
<td>Mop area and clean with soapy water.</td>
</tr>
<tr>
<td>Personal Protection Equipment:</td>
<td>Eye protection, gloves</td>
</tr>
</tbody>
</table>

7. HANDLING AND STORAGE

| Handling: | Use original container. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wear protective clothing and equipment. |
### Product Name: Fluorilaq™

| Storage: | Store in cool, dry, well ventilated area. Avoid heat, direct sunlight and all sources of ignition. Keep out of reach of children. |

### 8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not determined
- **Respiratory Protection:** Respiratory protection not required
- **Eye Protection:** Safety glasses/goggles
- **Hand Protection:** Protective gloves
- **Engineering controls:** Standard room ventilation

### 9. Physical and Chemical Properties

- **Appearance:** Light-colored sticky viscous liquid
- **Odor:** Resin
- **pH:** N/A
- **Vapor Pressure (mm Hg and temp):** N/A
- **Vapor Density (AIR=1):** N/A
- **Relative Density:** Not determined
- **Boiling Point:** >35°C (>95°F)
- **Freezing / Melting Point:** Not determined
- **Solubility in Water:** Insoluble in water
- **Specific Gravity (H₂O = 1):** Approximately 1.0
- **Flash Point:** 22°C (72°F)
- **Flammability:** Flammable/combustible material
- **Explosive Properties:** None
- **Upper/Lower Flammability:** Not available
- **Evaporation Rate:** Not determined
- **Viscosity:** Not determined

### 10. Stability and Reactivity

- **Chemical Stability:** Stable under ordinary conditions of use and storage
- **Reactivity:** None known
- **Conditions to Avoid:** Excessive heat, sparks, flame
- **Incompatible Materials:** Avoid contact with strong oxidizing agents and acetyl chloride
- **Hazardous Decomposition Products:** Carbon monoxide can form on incomplete combustion.

### 11. Toxicological Information

- **Hazardous Ingredient:** Sodium Fluoride: LD₅₀ (orally) Rat: > 6000 mg/kg
  Ethanol: LD₅₀ (orally) Rat: 7060 mg/kg
  Aerosil 200: LD₅₀ (orally) Rat: 3160 mg/kg
### Safety Data Sheet

**Product Name:** Fluorilaq™

| Chronic Health Hazard: | Prolonged overexposure to sodium fluorides may cause fluorosis.  
Prolonged contact with skin may cause sensitization. |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Routes of Exposure:</td>
<td>Refer to Section 4 of SDS for routes of exposure and first aid measures.</td>
</tr>
<tr>
<td>• Inhalation:</td>
<td>May cause nose and throat irritation.</td>
</tr>
<tr>
<td>• Ingestion:</td>
<td>May cause irritation to the mouth, throat and stomach with abdominal pain and nausea.</td>
</tr>
<tr>
<td>• Skin:</td>
<td>Prolonged or repeated contact may cause skin irritation, redness, rash and swelling.</td>
</tr>
<tr>
<td>• Eye:</td>
<td>May cause moderate irritation with redness, tearing and blurred vision.</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** No known effects
- **Persistence and Degradability:** Biodegradable
- **Mobility in Soil:** Readily absorbed into soil
- **Bioaccumulative potential:** No bioaccumulation potential

### 13. DISPOSAL CONSIDERATIONS

- **Disposal Method and Containers:** Empty containers may be disposed of in waste containers. Do not incinerate. Do not dispose in sink.
- **Special Precautions:** Disposal should be carried out in compliance with federal, state and local regulations.

### 14. TRANSPORT INFORMATION

- **UN Number:** UN1866
- **UN Proper Shipping Name:** Resin Solution Flammable
- **Class and Subsidiary Risk:** Class 3 Flammable liquid
- **Packing Group:** II
- **Special Precautions for User:** Keep away from spark or flame
- **Hazchem Code:** Not determined
- **Marine Pollutant:** No
- **Australian Classification Statement (ADG):** Class 3; PG II  
Flammable Liquids

**Transport Required Labeling:**

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# Safety Data Sheet

**Product Name:** Fluorilaq™

<table>
<thead>
<tr>
<th>Air:</th>
<th><img src="image" alt="Flammable Liquid" /></th>
<th><img src="image" alt="Y" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ocean:</td>
<td>Must be packed in a 4G box.</td>
<td><img src="image" alt="Flammable Liquid" /></td>
</tr>
<tr>
<td>Ground:</td>
<td></td>
<td><img src="image" alt="Y" /></td>
</tr>
</tbody>
</table>

## 15. Regulatory Information

| Precautionary Phrases: | For professional in-office use only.  
|                       | Keep out of reach of children.  
|                       | Keep away from spark or flame.  
| AICS (Australia)      | All ingredients are listed  
| Poison Schedule:      | None allocated  
| Note:                 | Refer to applicable international, national and local regulations and provisions.  

## 16. Other Information

**Legal Disclaimer:** Information contained in this SDS is based on data believed to be correct. This information does not purport to be all inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information.

## SDS History

| Date of Issue:        | October 30, 2017  
| Replaces Issue:       | July 31, 2017  
| Changes made to previous issue: | Revised GHS statement; revised formatting; added Australian requirements  

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