

Product Name:	Fluorilaq™ Unit Dose
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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 NE 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

Acute & Chronic Hazards:



Danger
 Category 2
 Flammable
 Liquid

H225 Highly flammable liquid
 H302 Harmful if swallowed
 H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation
 H336 May cause drowsiness or dizziness
 (Ingestion of large amounts may cause nausea, vomiting, headaches, dizziness and abdominal distress. Minimal amounts normally ingested are not harmful.)
 Acute Toxicity Category 4
 Skin Sensitizer Category 1
 Eye Irritant Category 2
 Exposure Category 3

Risk Phrases:

R11: Highly flammable
 R22: Harmful if swallowed.
 R25: Toxic if swallowed
 R31: Contact with acids liberates 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
 S62: If swallowed, do not induce vomiting; seek medical advice immediately.

Prevention:

P210 Keep away from heat, sparks, open flames and hot surfaces.
 P261 Avoid breathing vapors
 P264 Wash exposed skin thoroughly after handling
 P280 Wear protective gloves, protective clothing, eye protection and face protection

DATE OF ISSUE: June 15, 2014

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity (Components)	CAS No.	Proportion
Sodium Fluoride	7681-49-4	5%
Ethanol	64-17-5	20%
Aerosil 200	7631-86-9	25%
Tall Oil	8002-26-4	11%
Rosin	8050-09-7	55%

4. FIRST AID MEASURES

Routes of Exposure:	First Aid Instructions
Inhalation:	Remove to fresh air. If breathing is difficult, have qualified personnel administer oxygen and get immediate medical attention.
Ingestion:	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.
Skin:	Flush well with water for at least 15 minutes. Wash skin with soap and water. Get medical attention if irritation persists.
Eye:	Flush well with water for at least 15 minutes holding the eyelids apart. See medical attention if irritation persists.
First Aid Facilities:	Seek Medical assistance for further treatment, observation and support if necessary.

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Collect using absorbent material.
Clean Up Procedure:	Mop area and clean with soapy water.
Personal Protection Equipment:	Eye protection, gloves

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7. HANDLING AND STORAGE

Handling: Use original container. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wear protective clothing and equipment.

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
Boiling Point	Not determined >35°C (>95°F)
Freezing / Melting Point	Not determined
Solubility in Water	Insoluble in water
Specific Gravity (H ₂ O = 1)	Approximately 1.0
Flash Point	22°C (72°F)
Flammability	Flammable/combustible material
Explosive Properties	None

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.

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11. TOXICOLOGICAL INFORMATION

Hazardous Ingredient:	Sodium Fluoride: LD ₅₀ (orally) Rat: > 6000 mg/kg Ethanol: LD ₅₀ (orally) Rat: 7060 mg/kg Aerosil 200: LD ₅₀ (orally) Rat: 3160 mg/kg
Chronic Health Hazard:	Prolonged overexposure to sodium fluorides may cause fluorosis. Prolonged contact with skin may cause sensitization.
Routes of Exposure:	Refer to Section 4 of MSDS for routes of exposure and first aid measures.
Inhalation:	May cause nose and throat irritation.
Ingestion:	May cause irritation to the mouth, throat and stomach with abdominal pain and nausea.
Skin:	Prolonged or repeated contact may cause skin irritation, redness, rash and swelling.
Eye:	May cause moderate irritation with redness, tearing and blurred vision.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No known effects
Persistence and Degradability:	Biodegradable
Mobility:	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

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Transport Required Labeling:

			
Air:			
Ocean: Must be packed in a 4G box.			
Ground:			

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.
Hazard Symbol:	

16. OTHER INFORMATION

Legal Disclaimer:	Information contained in this MSDS 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.
MSDS History	Date of Issue: June 15, 2014 Replaces Issue: October 9, 2012 Changes made to previous issue: MSDS to SDS; Added GHS Pictograms & signal word; added Transport pictograms