



# SAFETY DATA SHEET

Product Name: NuSmile NuNameI Varnish

1. Product and Company Identification					
Product Name: NuSmile NuNameI Varnish			SDS Code Number: SDS46		
Trade Name & Synonyms: Fluoride Varnish			Revision: 0		
Chemical Characteristics: Mixtures			Effective Date: 03/10/2025		
Product Use (for Canada): Professional Dental Fluoride Varnish			Supplied by: NuSmile Ltd.		
Telephone Number: 713-861-0033; Int'l 1-800-346-5133			Address: 3315 W. 12 <sup>th</sup> Street Houston, TX 77008 USA		
e-mail: <a href="mailto:info@nusmile.com">info@nusmile.com</a>			Website: <a href="http://www.nusmile.com">www.nusmile.com</a>		
2. Hazard Identification					
<b>Symbol:</b>  GHS02  GHS07		<b>Signal Word(s):</b> Warning		<b>Hazard Statement(s):</b> <ul style="list-style-type: none"> <li>H226 Flammable liquid and vapor.</li> <li>H302 Harmful if swallowed.</li> <li>H315 Causes skin irritation.</li> <li>H319 Causes serious eye irritation.</li> <li>H317 May cause an allergic skin reaction.</li> </ul>	
<b>Precautionary Statements:</b> Prevention: <ul style="list-style-type: none"> <li>- P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.</li> <li>- P233 Keep container tightly closed.</li> <li>- P240 Ground/bond container and receiving equipment.</li> <li>- P241 Use explosion-proof electrical/ventilating/lighting/equipment.</li> <li>- P242 Use only non-sparking tools.</li> <li>- P243 Take precautionary measures against static discharge.</li> <li>- P261 Avoid breathing dust/fume/gas/mist/vapors/spray</li> <li>- P264 Wash thoroughly after handling.</li> <li>- P270 Do not eat, drink or smoke when using this product.</li> <li>- P272 Contaminated work clothing must not be allowed out of the workplace.</li> <li>- P280 Wear protective gloves/protective clothing/eye protection/face protection.</li> </ul> Storage: <ul style="list-style-type: none"> <li>- P403+P235 Store in a well-ventilated place. Keep cool.</li> <li>- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</li> </ul> Response: <ul style="list-style-type: none"> <li>- P321 Specific treatment (see on this label).</li> <li>- P330 Rinse mouth.</li> <li>- P363 Wash contaminated clothing before reuse.</li> <li>- P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.</li> <li>- P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</li> <li>- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</li> <li>- P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>- P370+P378 In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.</li> </ul>					
3. Composition of Ingredients					
CAS #	Hazardous Component(s)		Percent (%)		
64-17-5	Ethyl Alcohol		>20-<40%		
Unknown	Hexadecane Phosphate		Mixture >1-<10%		
7681-49-4	Sodium Fluoride		>1-<10%		
4. First Aid Measures					
Routes of Exposure	First Aid Instructions		Immediate Medical Attention	Effects	
				Acute	Delayed
Eye	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.		Seek medical attention if symptoms persist.	-	-
Skin	Immediately wash with water and soap and rinse thoroughly.		Seek medical attention if symptoms arise.	-	-
Inhalation	This product is a viscous gel, therefore chance of inhalation is extremely low. Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.		Seek medical attention.	-	-
Ingestion	If swallowed in large quantities seek medical attention.		Seek medical attention.	-	-
<b>General Information:</b> Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.					
<b>Note to Physicians (Treatment, Testing, and Monitoring):</b> Most important symptoms and effects, both acute and delayed. Indication of any immediate medical attention and special treatment needed.					
5. Fire and Explosion Data					
<b>Extinguishing Media:</b> CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.			<b>Extinguishing Media to Avoid:</b> Water with full jet		
<b>Protection and Procedures for Firefighters:</b> No special measures required.					



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6. Accidental Release Measures			
<b>Personal Protective Equipment:</b> Wear protective equipment.			
<b>Containment Techniques:</b> Discard in trash. Prevent any material from entering drains or waterways.			
<b>Methods and Material for Containment and Cleaning-up:</b> Absorb liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material.			
7. Handling and Storage			
<b>Handling Practices and Warnings:</b> Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Keep ignition sources away. Do not smoke. Protect against electrostatic charges.			
<b>Storage Practices and Warnings:</b> Keep receptacle tightly sealed.			
8. Exposure Control/Personal Protection			
<b>Ventilation:</b> Use in a well-ventilated area.		<b>Other Engineering Controls:</b> None	
<b>Routes of Entry:</b>	<b>Personal Protective Equipment (PPE) for Normal Use:</b>	<b>PPE for Emergencies:</b>	
Eye/Face	Face mask & safety glasses	Safety glasses or face shield	
Body	Protective work clothing	Protective work clothing	
Skin	Wear latex or nitrile gloves and avoid skin contact.	Gloves and Face shield	
Inhalation	Face mask	Dust mask or respirator	
<b>General Hygiene Considerations and Work Practices:</b> Wear gloves as per universal precautions in dentistry. Wash your hands after use. No eating, drinking, or smoking while handling this product. Remove and wash clothing with spills of material on clothing.			
9. Physical and Chemical Characteristics			
<b>Appearance:</b> White/yellow	<b>Vapor Pressure/Density:</b> N/D	<b>Burning Rate:</b> N/D	<b>pH:</b> N/A
<b>Odor:</b> Flavor dependent	<b>Solubility:</b> Not miscible or difficult to mix	<b>Flash Point:</b> >29°C	<b>Evaporation Rate:</b> N/D
<b>Normal Physical State:</b> <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> (Other)	<b>Boiling Point:</b> N/D	<b>Ignition Temperature:</b> 363°C	<b>Upper/Lower Flammability:</b> Flammable
<b>Melting Point:</b> N/D	<b>Boiling Rate:</b> N/D	<b>Auto Ignition:</b> Product is not self-igniting	<b>Explosive Properties:</b> Not explosive.
10. Stability and Reactivity Data			
<b>Hazardous Decomposition Products:</b> No dangerous decomposition products known.		<b>Incompatibility (Materials to Avoid):</b> No further relevant information available.	
<b>Hazardous Reactions:</b> No dangerous reactions known.		<b>Conditions to Avoid:</b> No further relevant information available.	
<b>Chemical Stability:</b> Stable under recommended storage conditions.		<b>Reactivity Considerations:</b> Stable under normal conditions.	
11. Toxicological Information			
Acute Toxicity (Lists all possible routes of exposure)			
<b>Skin Corrosion/Irritation:</b> Irritant to skin and mucous membrane.	<b>Eye Damage/Irritation:</b> Irritating effect.	<b>Oral:</b> May be harmful if ingested in large quantities	
<b>Sensitization:</b> Sensitization is possible through skin contact.	<b>Inhalation:</b> May be harmful if inhaled. May cause respiratory tract irritation.	<b>Dermal:</b> May cause irritation to skin	
12. Ecological Information			
<b>Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements:</b> Water hazard class 2 (Self-assessment); hazardous for water. Do not allow the product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.			
13. Disposal Considerations			
<b>Regulations:</b> Dispose in accordance with local regulations.			
<b>Properties (Physical/Chemical) Affecting Disposal:</b> No data available.			



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14. Transport Information		
<b>UN-Number:</b> DOT, IMDG, LATA; UN1986	<b>UN-Proper Shipping Name:</b> - DOT; Alcohols, flammable, toxic, N.O.S. (Hexadecane Phosphate Mixture, Ethyl Alcohol)	<b>UN Model Regulation:</b> UN1986 alcohols, flammable, toxic, N.O.S. (Hexadecane Phosphate Mixture, Ethyl Alcohol)
<b>Packaging Group:</b> DOT, IMDG, LATA; II	- IMDG, LATA; Alcohols, flammable, toxic, N.O.S. (Hexadecane Phosphate Mixture, Ethyl Alcohol)	<b>Stowage Code:</b> SW1 Protected from sources of heat. SW2 Clear of living quarters.
<b>EMS Number:</b> F-E,S-C	<b>Environmental Hazards:</b> Not applicable	<b>Stowage:</b> Category E
<b>Hazard Identification Number:</b> (Kemler code): 83	<b>Special Precaution for Users:</b> Warning: Flammable liquids	<b>Segregation Groups:</b> (SGG1) Acids
<b>Quantity Limitations:</b> - DOT; On passenger aircraft/rail: 1 L. On cargo aircraft only: 30 L - IMDG; Maximum net quantity per inner packaging: 30 ml. Maximum net quantity per outer packaging: 500 ml	<b>Transport Hazard Class(es):</b> - DOT; 3 Flammable Liquids, 3 6.1 - IMDG; 3 Flammable Liquids, 3 6.1 - LATA; 3 Flammable Liquids, 3 6.1	 
15. Regulatory Information		
<b>Chemical Safety Assessment:</b> Device is biocompatible when used as directed by dental professionals per ISO 10993-1.		
<b>SARA, Section 355 (extremely hazardous substances):</b> None of the ingredients listed.	<b>SARA, Section 313 (specific toxic chemical listings):</b> None of the ingredients listed.	
<b>TSCA (Toxic Substances Control Act):</b> - 64-17-5 Ethyl Alcohol                      -7681-49-4 Sodium Fluoride	<b>Hazardous Air Pollutants:</b> None of the ingredients listed.	
<b>Proposition 65:</b> - <b>Chemicals known to cause cancer:</b> None of the ingredients listed. - <b>Chemicals known to cause reproductivity toxicity for females/males:</b> None of the ingredients listed. - <b>Chemicals known to cause developmental toxicity:</b> 64-17-5 Ethyl Alcohol	<b>Carcinogenic Categories:</b> - <b>EPA (Environmental Protection Agency):</b> None of the ingredients listed. - <b>ACGIH Carcinogenicity (American Conference of Governmental Industrial Hygienists):</b> 64-17-5 Ethyl Alcohol, 7681-49-4 Sodium Fluoride - <b>NIOSHA (National Institute for Occupational Safety and Health):</b> None of the ingredients listed.	
16. Other Information		
This information is based on our present knowledge; however, this shall not constitute a guarantee for a specific product feature. This health hazard assessment is based on information that is available for its components. N/A= not applicable. N/D= not determined.		