



**SAFETY DATA SHEET****SECTION 1 – IDENTIFICATION**

<b>Product Name:</b>	ProGuard™ 5% Sodium Fluoride Varnish
<b>Synonyms:</b>	ProGuard, Varnish
<b>Product Code(s):</b>	UFVPM and UFVPML
<b>Recommended Use:</b>	Dental varnish. ProGuard Varnish is a dental varnish intended for use as a treatment for hypersensitive teeth; to seal the dentinal tubules for cavity preparations or on sensitive root surfaces and as a cavity liner under amalgam restorations
<b>Restrictions:</b>	Use only as directed. For use by dental professional only.
<b>Company:</b>	Crosstex 10 Ranick Road Hauppauge, New York 11788 631.582.6777
<b>Emergency Telephone Number:</b>	INFOTRAC: 24-Hour Number: 1-800-535-5053 International: +1-352-323-3500

**SECTION 2 – HAZARD(S) IDENTIFICATION**

<b>Pictograms:</b>	<div><div>Flammable Liq. 3 H226 Flammable liquid and vapor</div></div> <div><div>Acute Tox. H302 Harmful if swallowed</div></div>
<b>Hazard Pictograms:</b>	GHS02, GHS07
<b>Signal Word:</b>	WARNING
<b>Hazard Statements:</b>	Flammable liquid and vapor Harmful if swallowed
<b>Precautionary Statements:</b>	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear protective gloves/eye protection. Wear protective clothing. Avoid breathing vapors. IF SWALLOWED: Call a doctor if you feel unwell. Dispose of contents/container in accordance with local, regional, national, international regulations
<b>Other Hazards:</b>	Material should only be used with extreme caution in individuals who may have control over their swallowing reflex. (i.e preschool children and the disabled) Use only for intended scope of application.
<b>Results of PBT and vPvB assessment</b>	PBT: Not applicable vPvB: Not applicable.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization:** Mixture

**Description:** Mixture of the substances listed below with non-hazardous additions.

Component	CAS No.	Percent by Weight
Ethanol	64-17-5	10-25%
Sodium Fluoride	7681-49-4	2.5-5 %

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4 – FIRST AID MEASURES

<b>Eye Contact:</b>	Rinse opened eye for several minutes under running water.
<b>Ingestion</b>	Swallowing of larger amounts can lead to nausea, vomiting and/or diarrhea. Immediately call a doctor.
<b>Inhalation:</b>	Supply fresh air; consult doctor in case of complaints.
<b>Skin Contact:</b>	Generally the product does not irritate the skin.
<b>Symptoms and effects (acute and delayed):</b>	No further relevant information available
<b>Immediate Medical Attention/Special Treatment:</b>	No further relevant information available

## SECTION 5 – FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>Specific Hazards During Fire Fighting:</b>	No further relevant information available
<b>Advice for Fire-Fighters:</b>	No further relevant information available

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Wear protective equipment. Keep unprotected persons away.
<b>Environmental Precautions:</b>	Do not allow to enter sewers/surface or ground water.
<b>Clean Up/Containment Methods:</b>	Pick up mechanically. Do not flush into sewer or allow into waterways. Use appropriate Personal Protective Equipment (PPE).

*See Section 7 for information on safe handling*

*See Section 8 for information on personal protective equipment*

*See Section 13 for disposal information*

## SECTION 7 – HANDLING & STORAGE

<b>Precautions for Safe Handling:</b>	For dental use only. Keep ignition sources away. Do not smoke.
<b>Conditions for Safe Storage:</b>	Do not store together with acids. See storage instructions on package. Keep receptacle tightly sealed.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** Components with limit values that require monitoring in the workplace

64-17-5 Ethanol (10-25%)			
PEL	Long-term value:	1900 mg/m <sup>3</sup>	1000 ppm
REL	Long-term value:	1900 mg/m <sup>3</sup>	1000 ppm
TLV	Short-term value:	1880 mg/m <sup>3</sup>	1000 ppm

**Personal Protection**

<b>General Protective and Hygienic Measures::</b>	The usual precautionary measures for handling chemicals should be followed
<b>Hand Protection:</b>	Not required
<b>Respiratory Protection:</b>	Not required

**SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES**

<b>Appearance:</b>	Fluid
<b>Color:</b>	Colorless
<b>Odor:</b>	Fruit-like
<b>pH:</b>	Not determined
<b>Melting Point/Melting Range:</b>	Undetermined
<b>Boiling Point/Boiling Range:</b>	Undetermined
<b>Flash Point:</b>	36°C (97 °F)
<b>Auto-Ignition Temperature:</b>	Product is not self-igniting
<b>Danger of Explosion:</b>	Product does not present an explosion hazard
<b>Relative Density:</b>	At 20°C, 1.02 g/cm <sup>3</sup> (8.512 lbs/gal)
<b>Solubility(ies):</b>	Not miscible or difficult to mix
<b>Viscosity:</b>	Not available

**SECTION 10 – STABILITY & REACTIVITY**

<b>Reactivity:</b>	None known
<b>Chemical Stability:</b>	Stable
<b>Thermal Decomposition/Conditions to be Avoided:</b>	No decomposition if used according to specifications
<b>Hazardous Reactions:</b>	Contact with acids releases toxic gases.
<b>Conditions to Avoid:</b>	No further relevant information is available.
<b>Incompatible Materials:</b>	Avoid oxidizing agents and strong acids
<b>Decomposition Products:</b>	No dangerous decomposition products known.

**SECTION 11 – TOXICOLOGICAL INFORMATION****Toxicological Effects: Acute Toxicity::**

<b>Component</b>	<b>LD<sub>50</sub> (oral)</b>	<b>LD<sub>50</sub> (dermal)</b>	<b>LC<sub>50</sub> (inhalation)</b>
7681-49-4 sodium fluoride	52 mg/kg rat	Not available	Not available

**Carcinogenic Categories:**

IARC  
(International Agency for the Research of Cancer)

The components of 64-17-5 Ethanol is listed by IARC as Group 1 but in alcoholic beverage consumption only. This product is not an alcoholic beverage.

fumed silica  
7681-49-4 sodium fluoride 3

NTP (National Toxicological Program)  
OSHA  
(Occupational Safety and Health Administration).

None of the ingredients is listed  
None of the ingredients is listed

## SECTION 12 – ECOLOGICAL INFORMATION

<b>Aquatic Toxicity:</b>	No further relevant information available.
<b>Persistence and Degradability:</b>	No further relevant information available.
<b>Bioaccumulation:</b>	No further relevant information available.
<b>Mobility in Soil:</b>	No further relevant information available.
<b>General Notes:</b>	Water hazard class 1 (self –assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
<b>Results of PBT and vPvB Assessment:</b>	
<b>PBT:</b>	Not applicable.
<b>vPvB:</b>	Not applicable.
<b>Other Adverse Effects:</b>	No further relevant information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Dispose of contents/container in accordance with applicable local, regional, national, and/or international regulations.

## SECTION 14 – TRANSPORT INFORMATION

<b>UN Number:</b> DOT, ADR, IMDG, IATA	UN1170
<b>UN Proper Shipping Name(s):</b> DOT ADR IMDG IATA	Ethanol 1170 Ethanol (Ethyl Alcohol) ETHANOL (ETHYL ALCOHOL) ETHANOL
<b>Transport Hazard Class(es):</b> DOT	
	Class: 3 Flammable liquids
	Label: 3
ADR IMDG IATA	
	Class: 3 Flammable liquids
	Label: 3
<b>Packaging Group:</b> DOT, ADR, IMDG, IATA	III
<b>Environmental Hazards:</b> <b>Marine Pollutant</b>	No
<b>Special Precautions for User:</b>	Warning: Flammable liquids
<b>Danger Code (Kemler):</b>	30
<b>EMS Number:</b>	F-E, S-D
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable
<b>UN “Model Regulation”:</b>	IN1170, Ethanol (Ethyl Alcohol), 3, III

## SECTION 15 – REGULATORY INFORMATION

<b>Section 355 (extremely hazardous substances):</b>	None of the ingredients are listed
<b>Section 313 (Specific toxic chemical listings):</b>	None of the ingredients are listed
<b>TSCA Status:</b>	Contact Crosstex for more information. All ingredients are listed
<b>Proposition 65</b>	
<i>Chemical known to cause cancer</i>	None of the ingredients are listed
<i>Chemical known to cause reproductive toxicity for females</i>	None of the ingredients are listed
<i>Chemical known to cause reproductive toxicity for males</i>	None of the ingredients are listed
<i>Chemical known to cause developmental toxicity:</i>	64-17-5 Ethanol
<b>Carcinogenicity Categories</b>	
<i>EPA (Environmental Protection Agency)</i>	None of the ingredients are listed
<i>TLV (threshold Limit Value established by ACGIH)</i>	64-17-5 ethanol A3 7681-49-4 sodium fluoride A-4
<i>NIOSH-Ca (National Institute for Occupational Safety and Health)</i>	None of the ingredients are listed
<i>OSHA-Ca (Occupational Safety &amp; Health Administration)</i>	None of the ingredients are listed
<b>Canadian Substance Listings</b>	
<i>DSL (Canadian Domestic Substance List)</i>	All ingredients are listed
<i>Canadian Ingredient Disclosure limit (limit 0.1%)</i>	Contact Crosstex for more information
<i>Canadian Ingredient disclosure list (limit 1%)</i>	7681-49-4 sodium fluoride

<b>GHS Label Elements:</b>	The product is classified and labeled according to the Globally Harmonized System (GHS)
<b>Hazards pictograms:</b>	GHS02, GHS07
<b>Signal Word:</b>	Warning
<b>Hazard Statements:</b>	Flammable liquid and vapor Harmful if swallowed
<b>Precautionary Statements</b>	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear protective gloves/eye protection. Wear protective clothing. Avoid breathing vapors. IF SWALLOWED: Call a doctor if you feel unwell. Dispose of contents/container in accordance with local, regional, national, international regulations.

## SECTION 16 – OTHER INFORMATION

The information contained in this document is correct to the best of our knowledge and is based on current information at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. Crosstex makes no guarantees or warranty to the validity, accuracy, or currency and shall not be liable or responsible in any way for use of either this information or the materials described.