

MATERIAL SAFETY DATA SHEET

SECTION I – Identification of the Substance / Preparation and of the Company / Undertaking

Product Trade Name: VELLA™ Varnish, 5% Sodium Fluoride
Company Name: Preventive Technologies, Inc
Address, City State Zip: 4330 Matthews-Indian Road, Indian Trail, NC 28079
Emergency Telephone Number: (800) 424-9300 (Chemtrec)
Telephone Number for Information: (800) 474-8681 Fax Number: (704)- 849-2417
Date Prepared: 2/2010 RM142 (MSDS) Rev B

SECTION II – Composition / Information on Ingredients

<u>Hazardous Components</u>	<u>Composition, %</u>	<u>CAS #</u>	<u>EINECS#</u>	
Sodium Fluoride (as Fluoride)	1-10	7681-49-4	231-667-8	[T] R25; [-] R32; [Xi] R36/38
Rosin	50-70%	8050-09-7	232-475-7	[Sens.] R43
Ethanol	10-30%	64-17-5	200-578-6	[F] R11

SECTION III – Hazards Identification

Main Hazards: Harmful if swallowed. Contact with acids liberates very toxic gas.

SECTION IVa – First Aid Measures (Symptoms)

Skin contact: There may be a mild irritation at the site of contact
Eye contact: There may be irritation and redness
Ingestion: There may be irritation of the throat
Inhalation: No symptoms

SECTION IVb – First Aid Measures (Actions)

Skin Contact: Wash immediately with plenty of soap and water
Eye Contact: Bathe the eye with running water for 15 minutes
Ingestion: Wash out with water
Inhalation: Consult physician

SECTION V – Fire-Fighting Measures

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used.
Exposure Hazards: In combustion emits toxic fumes
Protection of Fire-Fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

SECTION VI – Accidental Release Measures

Personal Precautions: Refer to Section VIII of this document for personal protection details.
Environmental Precautions: Do not discharge into drains or rivers.
Clean-up Procedures: Scoop up material and dispose in acceptable containers.

SECTION VII - Safe Handling and Storage

Storage Conditions: For dental professional use only. Store away from food and beverages. Keep away from heat. Keep containers closed when not in use. Keep out of reach of children.

SECTION VIII – Exposure Control / Personal Protection

Respiratory protection: None required.
Hand Protection: Protective gloves.
Eye Protection: Safety glasses. Ensure eye bath is nearby.
Skin Protection: Protective clothing.

SECTION IX– Physical and Chemical Properties

Physical State: Paste
Odor: Characteristic odor
Evaporation Rate: Moderate
Solubility in Water: Slightly soluble
Viscosity: Viscous

SECTION X – Stability and Reactivity

Stability: Stable under normal conditions
Conditions to Avoid: Heat.
Materials to Avoid: Strong oxidizing agents. Strong acids.
Haz. Decomp. Products: In combustion emits toxic fumes

SECTION XI – Toxicological Information

	ORL MUS LD50	ORL RAT LD50
Hazardous Ingredients: Sodium Fluoride:	57 mg/kg.	52 mg/kg
Ethanol	3450mg/kg	7060 mg/kg
Route of Exposure: Refer to Section IV of this document for routes of exposure and corresponding symptoms .		

SECTION XII – Ecological Information

Mobility: Readily absorbed into the soil.
Persistence/Degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulative potential.
Other adverse effects: Negligible ecotoxicity.

SECTION XIII – Disposal Considerations

NB: The user’s attention is drawn to the possible existence of regional or national regulations regarding disposal



SECTION XIV – Transportation Information

ADR/RID: Not classified as dangerous in the meaning of transport regulations (Sodium Fluoride, 2%)
ICAO/IATA: UN No. ----
IMO/IMDG: UN No. ----

SECTION XV – Regulatory Information

Risk Phrases: R22 Harmful if swallowed, R43: May cause sensitization by skin contact
Safety Phrases: S24: Avoid contact with skin
Precautionary Phrases: Restricted to professional users

SECTION XV – Regulatory Information, continued

NOTE: The regulatory information given in SECTION XV only indicates the principal regulations specifically applicable to the product described in this MSD 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.

SECTION XVI – Other Information

Risk Phrases used in s.2: R25: Toxic if swallowed
R32: Contact with acids liberates very toxic gas
R36/38: Irritating to eyes and skin
R11: Highly flammable
R43: May cause sensitization by skin contact

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for damages resulting from handling or from contact with the above product.
