



# M A T E R I A L   S A F E T Y   D A T A   S H E E T

24-Hour Emergency #: (U.S.) 1-800-535-5053 / (Outside U.S.) 352-323-3500

## SECTION I: Product & Company Identification

Product Name: **zooby** 5% Sodium Fluoride Varnish  
Catalog Number: **646110**  
Distributed by: Denticator  
13705 Shoreline Court East  
Earth City, MO 63045  
1.800.325.1881

## SECTION II: Health Hazard Information

**Harmful if swallowed. Contact with acids liberates extremely toxic gas.**

**Appearance:** Off-white to yellow liquid with characteristic odor.

**Routes of Entry:** Ingestion, skin contact, eye contact, inhalation

### **Symptoms of Exposure:**

**Eye Contact:** Mild irritation and redness

**Skin Contact:** Mild irritation at site of contact

**Ingestion:** Throat irritation.

**Inhalation:** No symptoms under normal use conditions.

## SECTION III: Hazardous Components

Component	CAS #	OSHA PEL	ACGIH TVL	Risk Phrases <small>*See Sec. XV for full R phrases</small>	% by Weight
Rosin	8050-09-7	-	-	[Sens.] R43	50-70%
Ethanol*	64-17-5	1000 ppm (1900 mg/m <sup>3</sup> )	1000 ppm (1920 mg/m <sup>3</sup> )	[F] R11	15-35%
Sodium fluoride**	7681-49-4	2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	[T] R25 [-] R32 [Xi] R36/38	1-10%

**\*Ethanol:** IVN Rat LD<sub>50</sub>: 1440 mg/kg  
ORL MUS LD<sub>50</sub>: 3450 mg/kg  
ORL Rat LD<sub>50</sub>: 7060 mg/kg

**\*\*Sodium Fluoride:**  
ORL MUS LD<sub>50</sub>: 57 mg/kg  
ORL Rat LD<sub>50</sub>: 52 mg/kg  
SCU Rat LD<sub>50</sub>: 175 mg/kg

~Verified on 2014-01 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-01. ~

## **SECTION IV: First Aid Procedures**

**Eye Contact:** Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Wash immediately with plenty of soap and water. If irritation persists, seek medical attention.

**Ingestion:** DO NOT INDUCE VOMITING. If an amount greater than a normal dose is swallowed, drink large quantities of water, milk, or several ounces of milk of magnesia. Contact Poison Control Center. Never give anything by mouth to an unconscious or convulsing person. Seek medical attention.

**Inhalation:** None needed under normal use conditions. If irritation develops, move patient to fresh air.

## **SECTION V: Fire Fighting Measures**

Flash Point	Not determined
Extinguishing Media	Use suitable extinguishing media for the surrounding fire. Use water spray to cool containers.
Special Fire-Fighting Procedures	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards	Emits toxic fumes upon combustion

## **SECTION VI: Accidental Release Measures**

**In case of spill:** Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method. Use bunding to contain spillages.

## **SECTION VII: Handling and Storage**

Keep out of reach of children. Keep container closed when not in use. Turn leaking containers leak-side up to prevent the escape of liquid. Store in a cool, well-ventilated area. Avoid exposure to heat.

## **SECTION VIII: Personal Protection**

**Protective wear:** Goggles, gloves, laboratory jacket or apron. Have eye bath nearby.

**Ventilation:** Ensure sufficient ventilation

**Respiratory Protection:** None required

**Work / Hygienic Practices:** Use common sense for safety. Avoid skin and eye contact.

## **SECTION IX: Physical and Chemical Properties**

<b>Solubility</b>	Not soluble in water, soluble in ethanol
<b>Boiling Point</b>	Not determined
<b>Melting Point</b>	Not determined
<b>Specific Gravity</b>	Not determined
<b>Evaporation Rate</b>	Moderate
<b>Vapor Pressure/Density</b>	Not determined
<b>Physical State</b>	Off-white paste with characteristic odor

## **SECTION X: Stability and Reactivity**

<b>Stability</b>	Stable under normal conditions
<b>Hazardous Polymerization</b>	Not determined
<b>Hazardous Decomposition Products</b>	Emits toxic fumes upon combustion
<b>Conditions/Materials to Avoid</b>	Heat, strong oxidants, strong acids

## **SECTION XI: Toxicological Information**

National Toxicology Program, I.A.R.C. Monographs and OSHA do not list this product or its ingredients as carcinogens

## **SECTION XII: Ecological Information**

Mobility: Readily absorbed into soil

Persistence and Degradability: Biodegradable

Bioaccumulation Potential: None

Other Adverse Effects: Negligible ecotoxicity

## **SECTION XIII: Disposal Considerations**

Do not discharge into drains or rivers. Dispose of in accordance with all applicable local, state, and federal regulations.

## **SECTION XIV: Transport Information**

Not regulated

## **SECTION XV: Regulatory Information**

Risk Phrases:

R43: May cause sensitization by skin contact

R11: Highly flammable

R25: Toxic if swallowed

R32: Contact with acids liberates very toxic gas

R36/38: Irritating to eyes and skin

Safety Phrases:

S24: Avoid contact with skin

S37: Wear suitable gloves

## **SECTION XVI: Other Information**

None

---

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Denticator makes no recommendation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for particular purpose.

NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESSED OR IMPLIED OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.

---