

SECTION 1: IDENTIFICATION

Product Identifier:

Product Name: VARNISH SODIUM FLUORIDE 5%

Other Means of Identification:

Product Item Code(s):

- 1011-BG32, 1011-BG200, 1011-RB32, 1011-RB200
- 1015-MM32, 1015-MM250, 1015-SM32, 1015-SM250, 1015-WB32, 1015-WB250
- 1030-MM32, 1030-SM32, 1030-SM250, 1030-WB32, 1030-WB250
- 1033-BG32, 1033-BG200
- 10011-US
- 10033-CN

Recommended use of the chemical and restriction on use:

Recommended Use: Dental Product

Restrictions on Use: For professional use only. Do not swallow

Name, address, telephone number of the supplier:

Company Address: AMD Medicom, Inc.
2555 Chemin de l'Aviation
Pointe-Claire (Montreal), Quebec, H9P 2Z2
Canada

Information Telephone Number: 514-636-6262

Emergency Telephone Number: 1-800-361-2862

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification

- Flammable liquid category 2
- Acute Toxicity category 3
- Eye Irritant category 2
- Skin Sensitizer category 1

Signal Word: Danger

Hazard Statements:

- Highly flammable liquid and vapor.
- Harmful if swallowed.
- Causes serious eye irritation.

Pictograms:



Flammable Harmful
 Irritant

Precautionary Statements:

- Keep away from heat. Sparks, open flames, and hot surfaces. No smoking
- Keep out of the reach of children
- Wash hands thoroughly after handling

Hazards not otherwise classified: None

Unknown Acute Toxicity: No ingredient with unknown toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No./ EINECS No.	Percent (By Weight)
Ethanol	64-17-5/200-578-6	10-35%
Sodium Fluoride	7681-49-4/231-667-8	4-6%
Synthetic Resin	68990-02-3/273-574-5	50-70%

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation develops or persists

Skin Contact: Wash skin with plenty of soap and water. Get medical attention if irritation develops

Ingestion: Do not induce vomiting. If conscious, rinse out mouth with water and give copious amounts of milk, or water if milk is not available. Never give anything by mouth to an unconscious person. If symptoms persist, get immediate medical attention

Inhalation: Move victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention if irritation persists

Most Important symptoms/effects, acute and delayed: May cause eye and skin irritation. May be harmful if swallowed

Indication of immediate medical attention and special treatment needed: No information available

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use media appropriate for the surrounding fire

Unsuitable Extinguishing Media: None known

Specific hazards arising from the chemical: Highly flammable liquid and vapor

Special Protective equipment and precautions for firefighters: Firefighters should wear full emergency equipment and positive pressure self-contained breathing apparatus

Unusual Fire/Explosion Hazards: None under normal conditions of use

Known or Anticipated Hazardous Products of Combustion: Carbon monoxide, carbon dioxide and toxic fumes

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid contact with eyes, skin and clothing. Use appropriate protective equipment as described in Section 8

Environmental Precautions: Prevent spill from entering waterways

Methods and materials for containment and cleaning up: Wipe up or collect using an inert absorbent material and place in appropriate containers for disposal. Rinse spill area with water. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers tightly closed when not in use

Do not reuse containers. Empty containers retain product residues that can be hazardous. Follow all safety precautions when handling empty containers

Conditions for safe storage including any incompatibilities: Store between 15-30°C (59°F-86°F). Keep out of direct sunlight. Keep away from heat and ignition sources. Keep out of reach of children. Store away from strong acids and oxidizing materials

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Control Parameters: The parameters are not provided for the product itself. They are provided for the ingredients listed below:

Occupational Exposure Limits:

Sodium Fluoride (as Fluoride)	2.5mg/m ³ TWA ACGIH 2.5mg/ m ³ TWA OSHA
Ethanol	1000 ppm STEL ACGIH 1900 mg/m ³ TWA OSHA

Appropriate Engineering Controls: No special ventilation normally required. For bulk handling, use ventilation that is adequate to maintain exposure levels below the occupational exposure limits

Individual Protection Measures:

▪ **Personal Protective Equipment**

Eye Protection: Safety glasses recommended

Skin Protection: Wear impervious gloves

Respiratory Protection: None should be needed for normal use. If the exposure limits are exceeded an approved respirator with particulate cartridges or air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice

- **Other Protective Clothing or Equipment:** None needed for normal use. Impervious clothing as needed to avoid contamination of personal clothing for bulk handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off white to yellow colored liquid.

Odor: Characteristic

Odor Threshold: Not available

pH: Not available

Melting Point: Not applicable

Freezing Point: Not available

Boiling Point/Range: Not available

Flashpoint: Not available

Evaporation Rate: Not available

Flammability (solid, gas): Not available

Upper/lower flammability or explosive limits:

LEL: Not available

UEL: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Relative Density: Not available

Solubility in water: Slightly soluble

Partition coefficient

(n-octanol/water): Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known

Chemical Stability: Stable

Possibility of Hazardous Reactions: None under normal conditions of use

Conditions to Avoid: Keep away from ignition sources.

Incompatible Materials: Avoid oxidizing agents and strong acids.

Hazardous Decomposition Products: May produce carbon monoxide, carbon dioxide and toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

Toxicological data not available for the product itself. The data provided are for the ingredients listed below

Sodium Fluoride: Oral rat LD₅₀: 52 mg/kg

Ethanol: Oral rat LD₅₀: 7060 mg/kg

Likely Routes of Exposure and the Symptoms related to the Physical, Chemical and Toxicological Characteristics:

Eyes: Direct contact causes eye irritation

Skin: Prolonged skin contact may cause irritation

Inhalation: No adverse effects expected, under normal conditions of use

Ingestion: May cause salivation, nausea, vomiting, abdominal pain, headaches, or dizziness

Chronic Health Effects: Not expected under normal conditions of use. Repeated overexposure to Sodium Fluoride may cause fluorosis

Mutagenicity: No data available

Carcinogenicity: Not known to be as carcinogen or potential carcinogen by NTP (National Toxicological Program), IARC (International Agency for the Research of Cancer) or OSHA (Occupational Safety and

Health Administration). Carcinogenicity of ethanol is only applicable when it is present in alcoholic beverages only

Medical Conditions Aggravated by Exposure: Individuals with pre-existing skin and respiratory disease may be at increased risk from exposure

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Ecological data not available for the product itself. The data provided are for the ingredients listed below:

Sodium Fluoride: 96 hrs. LC₅₀ rainbow trout: 51-108 mg/L

Ethanol: 96 hrs. LC₅₀ rainbow trout: >10,000 mg/L

Persistence and degradability

No information available

Bio-accumulative Potential: No data available

Mobility in soil:

No data available

Other adverse effects:

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with national and local regulations

SECTION 14: TRANSPORT INFORMATION

* Refer to local, state and national transport regulations as limited quantity exceptions may apply for the product as supplied, before the use of the information provided in this section.

DOT (US)

Proper Shipping Name: Ethanol solutions

Hazard Class: 3

UN Number: UN 1170

Packing Group: II

Packaging: See 49 CFR 173.202 for authorized specification non-bulk packagings

Limited Quantity and Consumer Commodity Exception: See 49 CFR 173.150 for limited quantity and consumer commodity exceptions (valid until 12/31/2020). Inner packaging which do not exceed 1 L and outer packaging not exceeding 30 kg are authorized.

Hazardous Substances (RQ): Ethanol is not listed as a hazardous substance

Air (IATA/ICAO)

Proper Shipping Name: Ethanol solutions

Hazard Class: 3

UN Number: UN 1170

Packing Group: II

Limited Quantity Exception: See Packing Instruction Y341. Up to 0.5 L maximum quantity per inner package (depending on type of package used) and 1 L / 30 kg gross weight maximum per package. Combination packages are required.

Consumer Commodity Exception: See Packing Instruction Y963. If inner packages are not more than 500 mL and material is packaged for consumer use, it may be reclassified as ID8000, Consumer Commodity, Class 9. Gross weight is 30 kg.

Passenger Aircraft Limitation: See Packing Instruction 353. Up to 5 L maximum quantity per inner package (depending on inner package used) and 5 L maximum net quantity per package. Combination and single packages are permitted.

Cargo Aircraft Limitation: See Packing Instruction 364. Up to 10 L maximum quantity per inner package (depending on inner package used) and 60 L maximum net quantity per package. Combination and single packages are permitted.

IMO/IMDG

Proper Shipping Name: Ethanol solution

Hazard Class: 3

UN Number: UN 1170

Packing Group: II

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

SARA TITLE III:

Hazard Category for Section 311/312: Acute health, Fire Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None at or above reportable quantity

Section 302 extremely hazardous Substances (TPQ): None at or above reportable quantity

EPA Toxic Substances Control Act (TSCA) Status: This product is a medical device (USA)/Natural Health Product(Canada) and not subject to chemical notification requirements

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data 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 16: OTHER INFORMATION

Risk phrases used in Section 2: Not applicable

Date of last revision of SDS: November 18, 2017

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 any damage resulting from handling or from contact with the above product.
