

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Identifier

5% Sodium Fluoride White Varnish

Product Use

Professional Use Only. Use as directed.

Other Means of Identification

AMD Medicom Item Code(s): List of Products in Annex

Company Address AMD Medicom Inc.
 2555 Chemin de l'Aviation
 Pointe-Claire, Montréal, Québec, H9P 2Z2

Telephone Number (Canada): 514-636-6262

Emergency Telephone Number: 1-800-361-2862

SECTION 2: HAZARD IDENTIFICATION

This document has been prepared in accordance with the U.S. OSHA Hazard Communication Standard, which requires the inclusion of all known hazards of the product or ingredients regardless of the potential risk. The risks of the hazards communicated in this document may vary depending on the potential for exposure.

Product Description: Off white liquid with flavored odor

Hazard Statement

Caution! Contact with acids may produce very toxic gas. May cause mild skin irritation. May cause moderate eye irritation. Ingestion of large amounts may be harmful. Possible mild dermatitis. May cause skin sensitization. Ethanol has been shown to cause mutagenic effects but at extremely high oral doses, which are not applicable in a clinical setting.

Inhalation: Not an expected route of entry

Eyes: May cause moderate eye irritation

Skin: May cause mild skin irritation

Ingestion: May cause irritation to the mouth, throat, and stomach

Effects of long-term (chronic) exposure: Prolonged or repeated skin contact may result in irritation and possible dermatitis.

Carcinogenic status: See Toxicological information, Section 11

Potential environmental effects: See Ecological information, Section 12

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	C.A.S. NO.	Percent
Rosin	8050-09-7	50-70
Ethanol	64-17-5	10-30
Sodium Fluoride	7681-49-4	1-10

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SECTION 4: FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amount of water. If irritation persists, seek medical attention

Skin Contact: Remove contaminated clothing and shoes. Immediately wash exposed area thoroughly with soap and water for 15 minutes. Get medical attention.

Inhalation: Remove person to fresh air. If irritation persists, seek medical attention

If Swallowed: Wash out mouth with water. Do not induce vomiting. Seek medical attention

SECTION 5: FIRE FIGHTING MEASURES

OSHA Fire Hazard Class: Class IIIB Flammable Liquid

NFPA Hazard Code Health: 1
 Fire: 1
 Reactivity: 0

Not flammable under normal conditions of use.

Extinguishing media: Use media suitable to the surrounding fire such as water, alcohol foams, carbon dioxide, and dry chemical.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill Response: Ventilate area. Extinguish all ignition sources. Collect spilled material. Other sections of MSDS contain information regarding physical and health hazards, respiratory protection, ventilation, and ignition sources.

Recommended Disposal: Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

US EPA Hazardous Waste Number: D001; If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802)

SECTION 7: HANDLING AND STORAGE

Eye Protection: Avoid eye contact. Safety glass with side shield is recommended.

Skin Protection: Avoid skin contact. Wear nitrile gloves when handling this material. A not touch technique is recommended. If skin contact occurs, wash with soap and water.

Ventilation Protection: Do not use in a confined area or areas with limited air movement. Use in well-ventilated area. Avoid prolonged breathing of vapors.

Prevention of Accidental Ingestion: Do not eat, drink, or smoke when utilizing this product. Wash exposed areas thoroughly with soap and water. Wash hands between handling and eating. Do not ingest.

Recommended Storage: Store in a cool place away from acids, heat, and light. Inspect periodically for damage or leaks.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: Source of Exposure Limit Data: ACGIH- American Conference of Governmental Industrial Hygienists, OSHA- Occupational Safety Administration.

Ingredients	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Sodium Fluoride	2.5 mg/m3	N/Av	2.5 mg/m3	N/Av
Ethanol	N/Av	1000 ppm	1000 ppm	N/Av

Personal Protection: See Section 7: Handling and Storage for suggested protective equipment.

Other Protective: Eye wash and safety shower should be made available in immediate working area. Remove wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Paste
Odor, Color, Grade:	Off white liquid with flavored odor
General Physical Form:	Liquid
Boiling Point:	<i>No Data Available</i>
Specific Gravity:	~1.1 g/ml
Solubility in Water:	Moderate
Vapor Pressure:	<i>Not Applicable</i>
Evaporation rate:	Negligible

SECTION 10: STABILITY AND REACTIVITY

Stability and Reactivity: Stable under recommended storage conditions.

Hazardous Polymerization: Hazardous polymerization does not occur.

Conditions to Avoid: Keep out of direct sunlight. Keep from excessive heat, open flames, sparks, and other possible ignition sources. Do not use in areas without adequate ventilation. Contact with acids may produce very toxic gas.

SECTION 11: TOXICOLOGICAL INFORMATION

Target organs: Eyes, skin, and digestive system

Routes of Exposure: Skin & Eyes, and Ingestion

Toxicological Data: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

Ingredients	LC ₅₀ (4hr)	LD ₅₀	
	inh, rat	Oral, rat	Rabbit, dermal
Sodium Fluoride	N/Av	52 mg/kg	175 mg/kg
Ethanol	>32380 ppm	7060 mg/kg	>15800 mg/kg
Rosin	N/Av	3 mg/kg	N/Av

Carcinogenic status: Not known to be carcinogenic. Note that this product contains ethanol, a confirmed animal carcinogen (A3) by the ACGIH and human carcinogen (Group 1) by the IARC; however, this is only applicable when the chemical is present in alcoholic beverages.

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

Toxicity to fish: LC50/96h/rainbow trout = 51-108 mg/L

Toxicity to invertebrates EC50/48h/Daphnia magna (water flea) = 97-153 mg/L

Toxicity to algae EC50/96h/skeletonema costatum = 122 mg/L

Mobility/bioaccumulation potential/other adverse environmental effects: No data is available on the product itself. Persistence: Active ingredient is readily biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Recommended Disposal: Dispose of contents/container in accordance with applicable local/regional/national/international regulations. Contact your local, state, provincial, or federal agency for specific rules.

RCRA: It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14: TRANSPORT AND STORAGE

49CFR/DOT: Not regulated

SECTION 15: REGULATORY INFORMATION

California Proposition 65: This product does contain ethyl alcohol, which is known to the State of California to cause developmental harm; however, this is only applicable when the chemical is present in alcoholic beverages.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Sodium Fluoride (MA, NJ, CA, PA, RI), Rosin (MN); Ethanol (MA, MN, NJ, CA, PA, RI).

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SECTION 16: OTHER INFORMATION

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. AMD Medicom Inc. shall not be held liable for any damage resulting from handling or from contact with the products listed in Annex.

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ANNEX: LIST OF PRODUCTS

No.	Description
1016-C200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Caramel flavor
1016-C30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Caramel flavor
1016-M200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Mint flavor
1016-M30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Mint flavor
1016-ST200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Strawberry flavor
1016-ST30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Strawberry flavor
1016-CH200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Cherry flavor
1016-CH30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Cherry flavor
1016-BG200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Bubblegum flavor
1016-BG30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Bubblegum flavor
1031-C200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Caramel flavor
1031-C30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Caramel flavor
1031-M200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Mint flavor
1031-M30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Mint flavor
1031-ST200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Strawberry flavor
1031-ST30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Strawberry flavor
1031-CH200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Cherry flavor
1031-CH30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Cherry flavor
1031-BG200	Duraflor Ultra 5% Sodium Fluoride White Varnish, Bubblegum flavor
1031-BG30	Duraflor Ultra 5% Sodium Fluoride White Varnish, Bubblegum flavor