SAFETY DATA SHEET
Duraflor Ultra

SECTION I: PRODUCT AND COMPANY IDENTIFICATION	
Product Identity (As used on label and list): 5% Sodium Fluoride White Varnish **Other Means of Identification:** Product Item Code(s): ▪ 1016-M30, 1016-C30, 1016-ST30, 1016-M200, 1016-C200, 1016-ST200 ▪ 1031-BG200, 1031-BG30, 1031-C200, 1031-C30, 1031-M200, 1031-M30 **Recommended use** Professional Use Only. Use as Directed	**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: Hazardous 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**

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.**		

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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.

Section 8: Exposure Controls and Personal Protection				
Exposure limits	Source of Exposure Limit Data: ACGIH- American Conference of Governmental Industrial Hygienists, OSHA- Occupational Safety Administration.			
	ACGIH TLV		OSHA PEL	
Ingredients	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	Specific Gravity	~1.1 g/ml
Odor, Color, Grade	Off white liquid with flavored odor	Solubility in Water	Moderate
General Physical Form	Liquid	Vapor Pressure	*Not Applicable*
Boiling Point	*No Data Available*	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

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Section 11: Toxicological Information (continued)			
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.			
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 Information			
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			

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

AMD Medicom Inc. makes no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade.

User is responsible for determining whether the product is fit for particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and applications of a product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.