

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

Product Trade Name: *Alpha-Pro White Varnish*
Part (Item) Number(s): **407-0001; 407-0002; 407-0003; 407-0004; 407-0005**
407-0400; 407-0401; 407-0500; 407-0501; 407-0600;
407-0601; 407-0700; 407-0701; 407-0800; 407-0801
Manufacturer Name: DENTAL TECHNOLOGIES, INC.
Address: 6901 N. HAMLIN AVENUE
City State Zip: LINCOLNWOOD, IL 60712 U.S.A.
Emergency Telephone Number: (800) 424-9300 / (703) 527-3887 (Chemtrec)
Information Telephone Number: (800) 835-0885 / (847) 677-5500
Date Revised: 10-Dec-2007 Rev No. 000

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	Concentration	CAS NO.
Ethanol		64-17-5
Sodium Fluoride	5.00%	7681-49-4

SECTION III - Hazards Identification

HAZARD CLASSIFICATION **Irritant**
Skin: May cause irritation, defatting and allergic reaction on prolonged contact.
Ingestion: Can cause nausea, vomiting and diarrhea. Can cause depression of central nervous system.
Inhalation: Can cause irritation of the throat, drowsiness, headache.
Eyes: May cause irritation.

SECTION IV - First Aid Measures

Skin: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing. If irritation persists seek medical help.
Ingestion: Wash out mouth with water if person is conscious. Seek medical treatment immediately.
Eyes: Flush with plenty of water for at least 15 minute. Open eyelids while flushing. Seek medical attention immediately.
Inhalation: If inhaled remove to fresh air. If not breathing give artificial respiration. Call medical help.

SECTION V - Fire-fighting Measures.

Fire hazard: Contains ethanol, a flammable hazard.
Flash Point of ethanol: 54 °F / 12 °C
Explosion Limits: Not determined
Forbidden extinguish Media: Not determined
Suitable fire extinguishing Media: Dry chemical, carbon dioxide, Water applied as mist or spray.
Special Protection Equipment: In the event of a fire use full protective clothing and NIOSH-approved SCBA.

SECTION VI - Accidental Release Measures

Personal Precautions: Avoid contact with skin or eyes. Use appropriate personal protective equipment (PPE) when handling and during clean up operation.

Environmental Precautions: Do not dispose in sewer system.
Methods for Cleaning up: Contain spill and absorb with absorbent material. Pick up and place in suitable container for disposal.

SECTION VII - Handling and Storage

Handling: Avoid contact with eyes and skin. Do not breath vapors.
Storage: Store away from heat, ignition sources and open flames. Store in cool dry place.
Containers: Keep in original closed containers.
Incompatibilities: Keep away from acids and oxidizing materials.
Other Precautions: For professional use only. Not for household use.

SECTION VIII - Exposure Controls / Personal Protection.

Exposure Limits:

Component	OSHA-PEL		ACGIH-TLV	
	TWA	STEL	TWA	STEL
Ethanol	1000 ppm		1000 ppm	

General Protective Measures:

General Ventilation: General exhaust ventilation or local ventilation is recommended to keep employee exposure below the airborne exposure limits.
Respiratory Protection: If exposure limits are exceeded, a half facepiece particulate respirator (NIOSH Type filters) may be worn.
Hands Protection: Use impervious gloves, such as nitrile or latex.
Eye Protection: Use safety glasses or goggles
Skin Protection: Avoid contact with skin. Use of gloves and long sleeved lab coat recommended.
Other Equipment:

SECTION IX - Physical and Chemical Properties.

Appearance: White to off-white low viscosity varnish
Odor: Typical to ethanol odor and the specific flavor
Vapor Pressure: NA
Boiling Point: NA
% NaF: 4.75 - 5.25
Viscosity: 6,000 cps., approx.
pH: 5.8 approx.

SECTION X - Stability and Reactivity.

Stability: This product is stable under normal use and storage
Conditions to avoid: High temperature
Materials to avoid: Oxidizing agents
Hazardous Decomposition Products: Carbon monoxide is a product of incomplete combustion
Hazardous Polymerization Products: Not likely to occur

SECTION XI - Toxicological Information.

Ingestion: May be harmful if swallowed
Eye contact: May cause eye irritation
Skin Contact: May cause skin irritation

Inhalation: May be harmful if inhaled
Prolonged exposure: Prolonged skin contact may cause defatting, and /or allergic reaction.

SECTION XII - Ecological Information.

No specific ecological data are available for this product. Refer to Section VI for environmental precautions.

SECTION XIII - Disposal Considerations.

Do not dispose in sink or sewer system.
Dispose of in accordance with all federal, state, and local regulations.

SECTION XIV - Transport Information.

UN Classification:	ORM-D
Proper shipping name:	Consumer Commodity
Class:	9
Packing Group:	N/A
Hazard Label:	ORM-D
Ingredient determining label:	N/A

SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol:	F
Risk Statements:	R: 11
Safety Statements:	S:7 / 16

SECTION XVI - Other Information

CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY.

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.