

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

1.1 Product Trade Name: ALPHA PRO PROPHY PASTE
1.2 Part (Item) Number(s): 560-1400, 560-1500, 560-1600, 560-1700
1.3 Division Name: DENTAL TECHNOLOGIES, INC.
1.4 Address: 6901 N. HAMLIN AVENUE
City State Zip: LINCOLNWOOD, IL 60712 U.S.A.
1.5 Emergency Telephone Number: (800) 424-9300 (Chemtrec)
1.6 Information Telephone Number: (800) 835-0885 / (847) 677-5500
1.7 Date Revised: 23-May-07 Rev. 000

SECTION II - Hazardous Ingredients / Identity Information

Hazardous Components:	Concentration	CAS NO.	SYMBOL	R
Sodium Fluoride	≤2.90 %	7681-49-4	T	25-32-36/38
Pumice	≤50 %	1332-09-8	Xi	36/37/38

SECTION III - Hazards Identification

Emergency Overview: Irritant. Irritating to eyes and skin.

SECTION IV - First Aid Measures

Dermal Exposure: Wash off with soap and water. If irritation develops consult a physician.
Oral Exposure: If swallowed, do not induce vomiting. Wash out mouth with water provided person is conscious.
Give victim two glasses of water. If large amount is ingested, seek immediate medical attention.
Eye Exposure: Flush with plenty of water. Seek medical attention by an ophthalmologist.
Inhalation Exposure: Remove to fresh air.

SECTION V - Fire-fighting Measures.

The product is not considered to be a fire hazard.

Suitable Extinguishing Media: Water, Chemical Foam, Carbon Dioxide, or Dry Chemical.
Forbidden Extinguish Media: Unknown
Special Exposure Hazards: None. Wear self contained breathing equipment.
Unusual Fire and Explosion Hazards: May emit toxic fumes under fire conditions.
Special Protection Equipment: Self contained breathing apparatus if toxic fumes are generated.

SECTION VI - Accidental release measures

Personal Precautions: See sections VII and VIII. Remove the sources of ignition and ventilate area.
Environmental Precautions: Unknown
Methods for Cleaning up: Clean up using impervious gloves and dispose of in normal manner.

SECTION VII - Handling and Storage

Handling: Avoid unnecessary exposure.
Storage: Room temperature, preferably cool, dry place, out of sunlight.
Containers: Supplied by manufacturer.
Incompatibilities: Strong oxidizing agents.
Other Precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

SECTION VIII - Exposure Controls / Personal Protection.

General Measures: Ventilation: Good general ventilation.
Limits: TWA: Not determined; PEL: not determined.
Respiratory Protection: Avoid prolonged breathing of vapors.
Hands Protection: Chemical-resistant gloves.
Eye Protection: Safety glasses or goggles.
Skin Protection: Respect good personal hygiene practice. Avoid unnecessary exposure.
Other Equipment: Lab coat.

SECTION IX - Physical and Chemical Properties.

Appearance:	Paste	Explosion Limits:	Not determined
Color:	Pink, Red, Blue or Brown	Flash Point:	Not determined
Vapor Density:	Not determined	Water solubility:	Partially soluble
Odor:	Cotton Candy, Watermelon,	Specific Gravity	1.64
	Berry or Chocolate	Evaporation Rate:	Not determined
Vapor Pressure:	Not determined		
Boiling Point:	Not determined		

SECTION X - Stability and Reactivity.

Stability:	Stable in normal storage conditions.
Conditions to avoid:	Temperatures over 40°C or below 0°C, sources of ignition and contamination.
Materials to avoid:	Strong oxidizing agents and strong acids.
Hazardous Decomposition Products:	Carbon Oxides.
Hazardous Polymerization Products:	Will not occur.

SECTION XI - Toxicological Information.

Ingestion:	May be harmful or fatal if swallowed.
Eye contact:	May cause irritation and damage if not removed promptly.
Skin Contact:	May cause irritation or rash for persons with preexistent skin sensitivity.
Inhalation:	Prolonged or excessive inhalation may cause respiratory track irritation.
Prolonged exposure:	N/A

SECTION XII - Ecological Information.

There is no specific information on the product. Use according to good working practice.

SECTION XIII - Disposal Considerations.

Incinerate or dispose according to local regulations.

SECTION XIV - Transport Information.

<u>SEA TRANSPORTATION</u>		<u>ROAD / RAILWAY TRANSPORTATION:</u>	
Substances determining Hazard:	none	RID/ADR	N/A
IMCO #	N/A	Class	N/A
UN #	N/A	Hazard Identification #	N/A
<u>AIR TRANSPORTATION</u>		Substance Identification #	N/A
ICAO/IATA Class	N/A	Hazard Label	N/A
Substances determining Hazard:	none		

SECTION XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.

Hazard Classification Symbol:	Xn	
	R36/38	Irritating to eyes and skin.
Ingredients Determining the label:		Pumice

SECTION XVI - Other Information

None

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.

TDS 049 Rev.001

Alpha-Pro®

Prepared by/Date: 10-22-07 mtk m. mlyk Approved by/Date: 10-22-07 mtk mlyk

Product Description: A blend of polishing and cleaning agents designed for professional use during standard dental hygiene procedures. It is available in mint and cherry flavors, medium and coarse grit.

Appearance: Homogeneous thick paste, free from extraneous matter, with flavor and color characteristic of the added flavoring and colorant.

Curing Mechanism: Not applicable.

Shelf-Life: 30 months

Filler Type: None

Main Composition:	Components:	% w/w
	Abrasives	50 - 70
	Humectant	20 - 30
	Water	6 - 12
	Sodium Fluoride	1.30
	Colorant	< 1
	Binder	< 1
	Preservative	< 1
	Sweetener	< 1
	Buffering Agent	< 1
	Flavoring	< 1
	Cleansing Agent	< 1

Physical /Mechanical Properties: (Typical Values)		Match Standard
	Flavor	8.7
	pH (1:1 aqueous slurry)	1.75
	Specific Gravity	0.57
	Fluoride Ion, %	< 20
	Heavy Metals, ppm	9.10 - 9.40
	Relative Enamel Abrasion Grade	513 - 584
	Relative Dentin Abrasion Grade	
	Ave. Particle Size of Abrasives, μ	
	Medium Grit	29
	Coarse Grit	34

NO CHANGE IN THE ABOVE TECHNICAL DATA SHEET MAY BE MADE WITHOUT WRITTEN APPROVAL OF AN AUTHORIZED REPRESENTATIVE OF DENTAL TECHNOLOGIES, INC.

Associated Documents:
 Prophy Paste Relative Abrasion Level Test Report from Indiana School of Dentistry

TDS 049 Rev.001

Alpha-Pro®

Prepared by/Date: ¹⁰⁻²²⁻⁰⁷ *M. M. Myers* Approved by/Date: *John [unclear]* 10.22.07

Regulatory Classification:

This product is in conformity with the following standard(s) or other normative documents:

- ANSI/ADA Specification No.62: 2005 – Dental Abrasive Paste
- Code of Federal Regulations CFR 21 Part 872 §6030 Oral Cavity Polishing Agent
- Code of Federal Regulations CFR 21 Part 820 – Medical Device Quality System Regulation

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