MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name and Codes: Vacalon ProLine Waxes - Dipping, Inlay, Casting, Others Item No. Various			Product Synonyms: Dental Wax
Product Use: Used by dental techncians to make wax modellations and other uses			Product Packages: Plastic Bottle, Metal Tin
Manufacturer's Name: Vacalon Company Inc			
Street Address: 12960 Stonecreek Dr, Ste C			
City: Pickerington	State: OH	Country: USA	Contact Information For General Product Details (Mon - Fri, 9:00 am - 5:00 pm EDT)
Zip Code: 43147		Telephone Number: 614-577-1945	Fax Number: 614-759-4999
Date MSDS Prepared: May 1, 2008			

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	CAS Number	OSHA PEL	ACGIH TLV
This product contains no hazardous components as defined in the OSHA				
Hazard Communication Statement (29 CFR 1910.1200)				
Non-Hazardous Ingredients				
Blend of natural and synthetic parafin waxes				
Colors				

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry: X Skin Contact X Ingestion X Eye Contact X Inhalation

[Emergency Overview]
Appearance: Solid wax, various colors Odor: None

[Potential Health Effects]

- Inhalation: When heated, may release parafin fume. Some nasal irritation may be experienced on an individual basis.
- Eyes: Product does not lend itself ot eye contact in cooled form. If molten, can cause burns.
- Ingestion: This material is not toxic.
- Skin: Molten wax may be hot enough to burn

SECTION 4 — FIRST AID MEASURES

Skin Contact	Molten wax may cause dermal burns. If molten material contacts skin, cool under running water.
Eye Contact	Seek medical attention if molten wax contacts eyes.
Inhalation	Essential non-toxic. Some nasal irritaton may be experienced. Remove to fresh air.
Ingestion	Accidental ingestion of a small amount is not expected to cause significant harm.

Note: In severe cases contact physician and/or poison control center immediately. Have product or label available and follow advice given.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable: X Yes No	General Hazards: Waxes are flammable and can burn skin	
Means of Extinction: Use dry chemicals		
Flashpoint (°C) and Method: Approx. 150°C (9°F)	Upper Flammable Limit (% by volume): N/A	Lower Flammable Limit (% by volume): N/A
Autoignition Temperature: N/A	Explosion Data —Sensitivity to Impact: None	Explosion Data —Sensitivity to Static Discharge: None
Special Fire Fighting Procedures: Use of respirators is recommended as smoke can be harmful.		
Unusual Fire and Explosion Hazards: None known		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Allow to cool and solidify, clean area.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
No special protection is needed during normal laboratory use.

Storage Requirements
No special requirements exist for storage but it is recommended to store in a dry location.

Other Precautions
None known.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Specific Engineering Controls (such as ventilation, enclosed process)
Use well ventilated environment.

Personal Protective Equipment: Gloves Respirator X Eye Footwear X Clothing Other

If checked, please specify type
Eye: Safety glasses should be worn as discomfort can be caused by contact with eyes.
Clothing: Apron or other impervious cloth

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid	Odor and Appearance: Various colors, odorless	Vapour Pressure: N/A
Specific Gravity (H_2O = 1): 1.00	Vapor Density (Air = 1): N/A	
Evaporation Rate (Butyl Acetate = 1): N/E	Boiling Point (°C): Various depending on blend	
pH: 8.5	Solubility in water: Insoluble	Other

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: X Yes No	If no, under which conditions?
Incompatibility with Other Substances: Yes X No	If yes, which ones?

Reactivity, and under what conditions?

Hazardous Decomposition or By-Products: None known

Hazardous Polymerization: Will not occure

SECTION 11 — TOXICOLOGICAL INFORMATION

LD50 Information: N/A

Chronic/Carcinogenicity: No known carcinogens

SECTION 12 — ECOLOGICAL INFORMATION

Ecological Information
No specific studies are available but the material is genrally considered chemically inert in the environment.

There are no known adverse effects to water.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal: Material is not considered a hazardous waste as defined by RCRA.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

DOT: Not regulated	IMDG
IATA	Other

SECTION 15 — REGULATORY INFORMATION

OSHA: Not considered hazardous under OSHA Hazard Comunication	
California Prop 65 Contains no known substances known to cause cancer, birth defects, other	

SECTION 16 — OTHER INFORMATION

HMIS Hazard Rating: 1 Health 1 Fire 0 Reactivity Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Minimum

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