MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name and Codes: N&V Gray-Mod, Digi-Dip Item No. 90010,90015,90025	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	
Zip Code: 43147; Telephone Number For Information: 614-577-1945; Fax Number: 614-759-4999; Emergency Telephone Number: 800-729-8192/ 614-577-1945	
Date MSDS Prepared: May 1, 2008; MSDS Prepared By: Josh Andrachek	Phone Number: 614-577-1945

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	
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
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

DISCLAIMER: This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Vacalon Company Inc. The data on this sheet relates only to the specific materials designated herein. Vacalon Company Inc assumes no legal responsibility for use or reliance upon these data.