

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name and Code Cera-Mix Porcelain Modeling Liquid Item: 40060, 40061		Product Synonyms Condensing Liquid, Modeling Liquid	
Product Use Used by dental technicians to mix with porcelain powders		Product Packages Plastic Bottle	
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				

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation
(Emergency Overview) Appearance: Clear liquid Odor: None
(Potential Health Effects) - Inhalation: Inhalation not likely in normal use - Eyes: May cause irritation to surface of eye - Ingestion: This material is not toxic, however may cause nausea. - Skin: Not irritating, no adverse reactions expected

SECTION 4 — FIRST AID MEASURES

Skin Contact	Wash with soap and plenty of water.
Eye Contact	Flush eyes with large amount of water for at least 15 minutes. Seek attention if irritation persists.
Inhalation	Not likely in normal use
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.	

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Product Identifier

SECTION 5 — FIRE FIGHTING MEASURES

Flammable Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	General Hazards Material is not considered flammable or combustible.	
Means of Extinction N/A		
Flashpoint (°C) and Method N/A	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 N/A		
Unusual Fire and Explosion Hazards None		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Clean up with absorbent towels and dispose of with regular trash. Any residues may be cleaned up with water.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Wear gloves when handling in bulk
Storage Requirements Keep containers closed until ready to use.
Other Precautions Do not allow to freeze. Store at room temperature.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Specific Engineering Controls (such as ventilation, enclosed process) None under normal conditions.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Gloves: Material is not harmful in small amounts. Use of gloves is optional. Respirator: None required if good ventilation is maintained and dust is not created by porcelain powders. Eye: Safety glasses should be worn as discomfort can be caused by contact with eyes. Clothing: Apron or other impervious cloth

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odor and Appearance Odorless, clear	Vapour Pressure N/A
Specific Gravity (H ₂ O = 1) approx. 1	Vapor Density (Air = 1) N/A	
Evaporation Rate (Butyl Acetate = 1) N/E	Boiling Point (°C) 100°C (212°F)	
pH 8 - 9	Solubility in water Complete solubility	Other

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizers
Reactivity, and under what conditions?	
Hazardous Decomposition or By-Products None known	
Hazardous Polymerization Will not occur	

SECTION 11 — TOXICOLOGICAL INFORMATION

LD50 Information N/A
Chronic/Carcinogenicity No known carcinogens

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SECTION 12 — ECOLOGICAL INFORMATION

Ecological Information No specific studies are available but the material is generally 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.
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SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information	
DOT Not regulated	IMDG
IATA	Other

SECTION 15 — REGULATORY INFORMATION

OSHA Not considered hazardous under OSHA Hazard Communication	California Prop 65 This product does not contain chemicals known to cause cancer.
SARA 313 Immediate and delayed health.	TSCA All ingredients are listed in the TSCA inventory
SARA 311/312 Reportable Ingredients: None	

SECTION 16 — OTHER INFORMATION

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