

INTENDED USE: A vinyl poly siloxane material to be used as a medical device for the purposes of creating, via impression, a reproduction of tooth and gum structure.

Hydrophilic OASIS Vinyl Poly Siloxane from Oasis Sands™ Dental Products Inc. is a 3rd generation vinyl poly siloxane impression material. OASIS's 3rd generation "Total System" utilizes advanced chemistry to provide true hydrophilic properties, higher tear strength and dimensional stability. In addition, each viscosity is matched to all others resulting in a superior impression, regardless of the technique utilized. OASIS Vinyl Poly Siloxane also exhibits the most efficient working and set times to minimize chair time and potential for inaccuracies. OASIS's dispensing is even advanced in that OASIS flows more easily through a conventional mixing tip as compared to previous generation impression materials, regardless of the viscosity. OASIS's 3rd generation Total-System will consistently provide the user with the most efficient and accurate impressions.

INSTRUCTIONS FOR AUTO-MIX CARTRIDGES

- 1) Insert the flange at the rear of the cartridge into the space provided at the front of the impression gun – depress the gun lever to lock the cartridge in place.
- 2) Twist off and dispose of the cartridge shipping cap.
- 3) Squeeze the gun handle to engage the plunger into the cartridge, making sure the cartridge and plunger are aligned.
- 4) Before attaching the auto-mix tip to the cartridge, extrude 1/4 inch of impression material by gently squeezing the handle. Check to ensure both base and catalyst are expressing freely. Wipe the end of the cartridge clean.
- 5) Attach an auto-mix tip to the cartridge and twist 1/4 turn to lock it into position.
- 6) Gently squeeze the impression gun handle to mix and dispense the impression material. Release handle to stop the flow.
- 7) Leave the used auto-mix tip on the cartridge as a self sealer after each use. For subsequent dispensing remove and discard the sealer tip. Proceed with steps 4 through 7.

MIXING INSTRUCTIONS FOR PUTTY

- 1) Using the color coded scoops provided, dispense equal portions of base and catalyst from the jars.
- 2) Using fingertips, mix the base and catalyst until a homogeneous mixture is achieved (approximately 30-45 seconds). Slight variations in the relative amounts of base and catalyst will not alter the work and set times.
- 3) Place the mixed putty into an adhesive coated impression material tray.

MIXING/SETTING TIMES

Oasis V.P.S. HYDROPHILIC	COLOR	AVAILABLE WORKING TIME	MINIMUM INTRAORAL SET TIME	MAXIMUM TOTAL CURE TIME FROM START OF MIX
LIGHT H.F. REGULAR SET	LIGHT BLUE	1:45 min.	2:30 min.	4:15 min.
MONOPHASE	MAUVE	2:15 min.	2:45 min.	5:00 min.
HEAVY BODY REGULAR SET	TEAL	1:45 min.	2:30 min.	4:15 min.
OASIS BITE	PURPLE	0:15 min.	0:45 min.	1:00 min.
.CLEAR OASIS	CLEAR	0:45 min.	1:30 min.	2:15 min.
PUTTY *	TEAL	1:45 min.*	3:15 min.	5:00 min.

* TIME IS IN ADDITION TO A 30-45 SECOND MIX TIME. THESE PROCEDURE TIMES REFLECT IDEAL CONDITIONS. FLUCTUATIONS IN TEMPERATURE AND HUMIDITY MAY REDUCE OR EXTEND THESE TIMES. PLEASE CALL FOR QUESTIONS OR CONCERNS.
OASIS REGULAR SET MATERIALS HAVE A FASTER TOTAL CURE TIME COMPARED TO PREVIOUS GENERATION FAST SET MATERIALS.

Oasis Sands Dental Products Inc
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VINYL POLY SILOXANE IMPRESSION MATERIAL CONSIDERATIONS

- 1) Allow impression material to reach room temperature prior to use.
- 2) Handling retraction cord with latex gloves may subsequently prevent the setting of the impression material if direct contact occurs.

PLEASE NOTE

- Sulpha-based drugs may inhibit the set time of VPS material.
- When handling Oasis putty, certain gloves will inhibit the set. It is suggested the operator mix a small amount of putty to confirm proper setting prior to impression procedure, to test for compatibility. Keep jars closed when not in use.
- Very high viscosity (putty) materials are not suitable for detailed impressions when used alone.
- For model fabrication, Oasis ideally poured two hours after the impression has been taken. However, Oasis can be poured sooner if the impression is placed in hot water for ten minutes to allow for degassing to occur.

STORAGE

Vinyl Poly Siloxane impression material should be stored at room temperature (65°-75°F/18°-24°C) and at minimum relative humidity. Ensure adequate ventilation of the premises where this product is handled and stored.

WARRANTY Oasis Sands Dental Products Inc. will replace any Oasis V.P.S. impression material, free of charge, if proven to be defective, and when stored according to the manufacturer's specifications. Oasis Sands Dental Inc. does not accept liability for any loss or damage, direct or consequential, arising out of the use of or the inability to use these products. Before using, the user shall determine the suitability of the product(s) for its intended use and the user assumes all risk and liability whatsoever in connection therewith.

CAUTION: U.S. Federal law restricts this device to sale by, or on the order of, a dentist.



PRODUCT INQUIRIES & ORDERING

1.888.277.2335 Phone: (905) 847-8263
 Fax: (905) 847-8303
 www.oasissands.com



PRODUCT SPECIFICATIONS & DIRECTIONS FOR USE



SECTION 1: MATERIAL IDENTIFICATION & INFORMATION

MATERIAL NAME: Oasis™ V.P.S.
USE OF PREPARATION: Impression Material **COMPANY:** Oasis Sands Dental Products Inc, 200 North Service Rd. W Unit 1, Suite 117 Oakville, ON L6M 2Y1.
TELEPHONE: For emergencies or product information
 1-888-277-2335
 or 905-847-8263 or email info@suredental.com

SECTION 2: HAZARDS IDENTIFICATION

RISK IDENTIFICATION
 Special risks for human beings and environment: None
 Classification: Corresponds to actual EEC guidelines

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

Chemical characterization: Mixture of polydimethyl polymethyl vinyl siloxane, polydimethyl polymethyl hydrogen siloxane and silica.
Description:
Hazardous components: None

CAS-Nr.:	Name	%	R-classification

SECTION 4: FIRST AID MEASURES

General information:
After skin contact: Wash with plenty of water and soap
After eye contact: Rinse with plenty of water and consult a physician
After swallowing: Seek medical advice immediately

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: CO₂, water
Protective equipment:

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:
Environmental precautions:
Methods for cleaning up: Wipe up with absorbent material
Additional information:

SECTION 7: HANDLING AND STORAGE

Handling:
Handling procedures:
Recommendation for fire and explosion protection:
Storage:
Requirements at storerooms and containers:
 Store in a dry place; keep away from food.
Requirements for storage with other products:
 Avoid contact with acids, bases and alcohols
Additional storage conditions:
Storage classification:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information for technical plants:
Components with limits of values to be supervised at the workplace:

CAS-Nr.	Name	%	art	value	unit

The product contains no relevant quantities of components with limits of values to be supervised at the workplace.
Additional information:
Personal protective equipment:
General measures of protection and hygiene: Normal hygienic measures
Respiration:
Hands:
Eyes:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Form: Paste (Kneadable Paste; Putty)
Color: Different
Odor: Odorless

	Value	Unit	Method
Information on change in the physical state			
Melting point/melting range:	N/A		
Boiling point/boiling range:	N/A		
Flash point:	N/A		
Autoignation temperature:	N/D		
Danger of explosion:	N/A		
Density:	1.24 (20°C)	g/cm ³	(Light Body)
	1.46 (20°C)	g/cm ³	(Heavy Body)
	1.53 (20°C)	g/cm ³	(Putty)
	N/A		(non volatile)
Vapor pressure:			
Viscosity:			Paste (Kneadable Paste; Putty)
pH:			Neutral
Solubility in/miscibility with:			Partially soluble in toluene, petrol ether
			Insoluble
Water:			None
Content of solvents:			
Organic solvents:			
Water:			
Content of solids:			N/A

SECTION 10: STABILITY AND REACTIVITY

Incompatibility with other substances: Little evaluation of hydrogen traces by contact with acids, bases, alcohols, powdered metals and metal oxides.
Hazardous decomposition products:

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:
Primary Irritant Effect:
Skin: Non toxic, no absorption
Eye:
Sensitization:
Additional Toxicological Information: During the long period of use as an impression material, no health diseases have been reported.

SECTION 12: ECOLOGICAL INFORMATION

General information: No data known
Classification of water endangerment:

SECTION 13: DISPOSAL CONSIDERATIONS

Product:
Recommendation: Use proper landfill disposal or incineration in accordance with local, state and federal regulations
Disposal key number:
Uncleaned packaging:
Recommendation:

SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous goods.
 Protect it against humidity.
 Store it away from food, acids, and bases.

SECTION 15: REGULATORY INFORMATION

Classification according to EEC-guidelines: No classification necessary to actual EEC guidelines

National Prescriptions:

SECTION 16: OTHER INFORMATION

Changes compared with the previous version: Adaptation according to REACH-regulation (EC). No. 1907/2006.

Prepared by: Gary B. Chadwick

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

N/D: NOT DETERMINED
 N/A: NOT APPLICABLE