

# Material Safety Data Sheet

## SECTION I: MATERIAL IDENTIFICATION & INFORMATION

MATERIAL NAME: Oasis Vinyl Poly Siloxane  
COMPANY: Oasis Sands™ Dental Products Inc.  
P.O. Box 11045, Chicago, IL  
60611-0045

TELEPHONE: For emergencies or product information 1-888-277-2335

## SECTION II: INGREDIENTS & HAZARDS

CHEMICAL COMPOSITION: A mixture of Polymethyl siloxane, polydimethyl polymethyl hydrogen siloxane, silica and paraffine.

CHEMICAL FAMILY: Silicene

HAZARD DATA: No known hazards

## SECTION III: PHYSICAL DATA

BOILING POINT: N.E.

VAPOUR PRESSURE: N.E.

VAPOUR DENSITY: N.E.

SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILE: 2%

EVAPORATION RATE: N/A

## SECTION IV: FIRE & EXPLOSION DATA

FLASH POINT: 485°F (252°C) closed cup – DIN 51755

EXTINGUISHING MEDIA: Sand, Foam, CO2, Dry Chemical Firefighters should wear full protective clothing including a self contained breathing apparatus. During a fire, irritating and/or toxic gases and aerosols may be present from the decomposition/combustion products.

## SECTION V: REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: N.E.

INCOMPATIBILITY: N.E.

HAZARDOUS DECOMPOSITION: N.E.

HAZARDOUS POLYMERIZATION: None

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N.E.: NONE ENCOUNTERED  
N/A: NOT APPLICABLE

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## SECTION VI: HEALTH HAZARD INFORMATION TLV (see Sec.II)

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVER EXPOSURE: N.E.

EYE CONTACT: Flush eyes with large amounts of water, consult a physician.

SKIN CONTACT: Wash thoroughly with soap and water

INGESTION: Consult a Physician immediately

## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Cover with an absorbent material such as sand or sawdust; scoop up and place in appropriately marked container.

WASTE DISPOSAL METHOD: Waste material may be incinerated under conditions according to Federal and Provincial and Local environment control regulations.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required

PROTECTIVE GLOVES: Rubber, PVS, Nitrile

EYE PROTECTION: Protective goggles

OTHER: Rubber apron



# OASIS

Product Inquiries and Ordering  
**OASIS SANDS**  
DENTAL PRODUCTS INC.

P.O. BOX 11045, CHICAGO, IL  
60611-0045  
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# Product Specifications and Directions For Use



# OASIS

Hydrophilic OASIS Vinyl Poly Siloxane from Oasis Sands™ Dental Products Inc. is 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 dentist with the most efficient and accurate impression.

## 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.
- 2) Twist off and dispose of the shipping cap, in front of the cartridge.
- 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 VINYL POLY SILOXANE HYDROPHILIC	COLOR	AVAILABLE WORKING TIME	MAXIMUM INTRA-ORAL SET TIME	MAXIMUM TOTAL CURE TIME FROM START OF MIX
<b>LIGHT BODY REGULAR SET</b>	<b>LIGHT BLUE</b>	<b>2 1/4 MIN.</b>	<b>2 1/4 MIN.</b>	<b>4 1/2 MIN.</b>
<b>MEDIUM BODY</b>	<b>MAUVE</b>	<b>2 1/4 MIN.</b>	<b>2 1/4 MIN.</b>	<b>4 1/2 MIN.</b>
<b>HEAVY BODY REGULAR SET</b>	<b>TEAL</b>	<b>2 1/4 MIN.</b>	<b>2 1/4 MIN.</b>	<b>4 1/2 MIN.</b>
<b>CLEAR OASIS</b>	<b>CLEAR</b>	<b>45 SEC.</b>	<b>1 1/2 MIN.</b>	<b>2 1/4 MIN.</b>
<b>BITE REGISTRATION</b>	<b>BLUE</b>	<b>2 1/4 MIN.</b>	<b>2 1/4 MIN.</b>	<b>4 1/2 MIN.</b>
<b>PUTTY *</b>	<b>TEAL</b>	<b>1 3/4 MIN.</b>	<b>3 1/2 MIN.</b>	<b>5 1/4 MIN.</b>

\* TIME IS IN ADDITION TO A 30-45 SECOND MIX TIME. THESE PROCEDURE TIMES REFLECT IDEAL CONDITIONS IN A LABORATORY. FLUCTUATIONS IN TEMPERATURE AND HUMIDITY MAY REDUCE OR EXTEND THESE TIMES. INTRA-ORAL CURE TIME MAY BE SLIGHTLY FASTER THAN CHART. PLEASE CALL FOR QUESTIONS OR CONCERNS.

OASIS REGULAR SET MATERIALS HAVE A FASTER TOTAL CURE TIME COMPARED TO PREVIOUS GENERATION FAST SET MATERIALS. OASIS FAST SET MATERIALS ARE RECOMMENDED FOR SINGLE PREPARATIONS ONLY.



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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

- When handling OASIS Impression Material 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 Vinyl Poly Siloxane is ideally poured two hours after the impression has been taken however, OASIS Vinyl Poly Siloxane 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.

**Warranty** OASIS SANDS™ Dental Products Inc. will replace any OASIS Vinyl Poly Siloxane impression material, proven to be defective, when stored according to the Manufacturer's specifications, free of charge. OASIS SANDS™ Dental Products 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.