

# O · P · I P · R · O · D · U · C · T · S

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION

**Product Name:** MicroBond MicroVeneer Gel

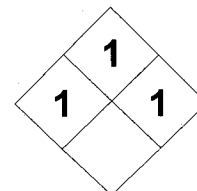
**Date Prepared:** 10/1/93

**Date Revised:** 8/11/98

**Name of Preparer:** Sunil Sirdesai

**POISON CONTROL CENTER**  
CHEMTREC  
1-800-424-9300

HEALTH = 1  
FLAMMABILITY = 1  
REACTIVITY = 1



### SECTION II - HAZARDOUS INGREDIENTS

Chemical Name	CAS Numbers	Exposure Limits	
		ACGIH TLV	OSHA PEL
Urethane Acrylate	number withheld as trade secret		
Hydroxyethyl Methacrylate	868-77-9		
Hydroquinone, Methyl Ether	150-76-5	5 mg/m <sup>3</sup>	
Phenyl Ketone	7473-98-5		
Silica		6 mg/m <sup>3</sup>	

0 = MINIMAL,  
1=SLIGHT,  
2=MODERATE,  
3=SERIOUS,  
4=SEVERE

### SECTION III - REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** Strong Oxidizing Agents.

**Hazardous Decomposition Products:** Thermal decomposition may produce ammonia, carbon monoxide, and/or carbon dioxide.

**Hazardous Polymerization:** May occur.

**Conditions to avoid:** Contact with strong oxidizing agents, heat, and open flame.

### SECTION IV - HEALTH HAZARD INFORMATION

**Symptoms of Overexposure:**

**Inhaled:** Dizziness, headache, symptoms of intoxication.

**Contact with Skin or Eyes:** Transient burning or redness possible on unwashed skin.

**Absorbed Through Skin:** Not expected, material is extremely volatile

**Swallowed:** Nausea and intoxication, possible gastric irritation and burning.

**Health Effects from Overexposure:**

**Acute:** Not expected through normal use.

**Chronic:** Not expected through normal use.

**First Aid - Emergency Procedures:**

**Eye Contact:** Rinse eyes thoroughly with saline solution.

**Skin Contact:** Rinse thoroughly with water.

**Inhaled:** Remove patient from contaminated area.

**Swallowed:** Do not induce vomiting! Drink plenty of water.

**IN ALL OF THE ABOVE EMERGENCY CASES, CALL A PHYSICIAN.**

**Suspected Cancer Agent:** No

**Medical Conditions Aggravated by Exposure:** None Known.

This products ingredients are not found in the following lists:

OSHA, NTP, IARC.

**O · P · I**  
**OPI PRODUCTS INC.**

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ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE

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**Product Name:** MicroBond MicroVeneer Gel

## SECTION V - SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill Reponse Procedures:** Eliminate sources of ignition.

**Preparing Wastes for Disposal:** Incineration or landfill if solidified prior to disposal. Dispose of in accordance with all Local, State, and Federal regulations.

## SECTION VI - SPECIAL HANDLING INFORMATION

**Ventilation and Engineering Controls:** Local exhaust is recommended .

**Respiratory Protection:** Not required with normal use.

**Eye Protection:** Chemical safety goggles are recommended for cleanup operations.

**Gloves:** Neoprene or rubber gloves

**Other Clothing and Equipment:** None.

**Other handling and storage requirements:** Keat away from heat, sparks and open flames. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep out of reach of children.

## SECTION VII - PHYSICAL PROPERTIES

**Vapor Density (air=1):** <1

**Specific Gravity:** 1.32

**Solubility in Water:** NA

**Vapor Pressure, mmHg at 20 Degrees C:** <2.0

**Melting Point (Degrees Fahrenheit):** <32

**Boiling Point (Degrees Fahrenheit):** >212

**Evaporation Rate (Butyl Acetate=1):** <1

**Appearance and Odor:** Water-white liquid with a characteristic acrylate odor.

## SECTION VIII - FIRE AND EXPLOSION

**Flash Point (Fahrenheit) and Method:** >200 °F(Tag closed cup)

**Fire Extinguishing Materials:** Foam, Carbon Dioxide, Dry Chemical

**Special Fire fighting Procedures:** Wear self-contained breathing apparatus (SCBA). Complete personal protective equipment.

**Unusual Fire and Explosion Hazards:** Vapor is heavier than air and may travel considerable distance to a source of ignition and flashback.

## SECTION IX - USERS RESPONSIBILITY

A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be determined if, or where, precautions, in addition to those described herein should be passed on to your customers or employees, as the case may be. OPI Products Inc. must rely on the user to utilize the information we have supplied to develop work practice guidelines and employee instructional programs for the individual operation and regulations.

### IMPORTANT

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