

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

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: System III Bonder Gel

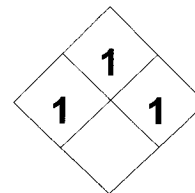
Date Prepared: 05/01/89

Date Revised: 8/11/98

Name of Preparer: S.J. 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		
Hydroxy ethyl methacrylate	868-77-9	N/A	N/A
Isobornyl Acrylate	7534-94-3	N/A	N/A
Methacrylic Acid	79-41-4	N/A	N/A
Silica		6mg/m3	
MEHQ	150-76-5	5mg/m3	

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: Not Expected

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

Absorbed Through Skin: Not expected

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

Health Effects from Overexposure:

Acute: Not expected through normal use.

Chronic: Skin sensitization may occur after prolonged use.

First Aid - Emergency Procedures:

Eye Contact: Rinse eyes thoroughly with water, seek medical attention.

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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SECTION V - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response 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: Keep 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: 1.09

Solubility in Water: Slightly soluble

Vapor Pressure, mmHg at 20 Degrees C: <20

Melting Point (Degrees Fahrenheit):N/A

Boiling Point (Degrees Fahrenheit): >212

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

Appearance and Odor: Viscous off-white liquid with characteristic acrylate odor.

SECTION VIII - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method: 146 (Cleveland open cup)

Flammable Limits in Air, Volume %: Lower: N/A Upper: N/A

Fire Extinguishing Materials: Foam, Carbon Dioxide, Dry Chemical

Special Firefighting 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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