

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

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: MicroBond MicroBase Gel

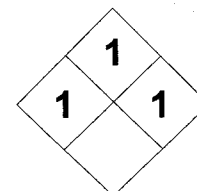
Date Prepared: 10/1/93

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 Names	CAS Numbers	Exposure Limits
Urethane Acrylate	Number withheld as trade secret	
ABA (proprietary adhesive monomer)	31718-58-8	
Hydroxyethyl Methacrylate	868-77-9	
Hydroquinone, Methyl Ether	150-76-5	5 mg/m ³
Phenyl Ketone	7473-98-5	
Silica		6 mg/m ³

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

SECTION III - REACTIVITY DATA

Stability: Stable

Incompatibility: Strong acids, aminos, peroxides, oxidizing agents, polymerization initiators.

Hazardous Polymerization: May occur

Conditions to Avoid: Inert atmosphere, intense heat and/or sunlight.

SECTION IV - HEALTH HAZARD INFORMATION

Symptoms of Overexposure:

Inhaled: Not expected

Contact with Skin or Eyes: Burning or redness of eyes may occur. Prolonged contact with skin may cause irritation.

Absorbed Through Skin: Not expected.

Swallowed: Nausea, vomiting, and general digestive tract irritation.

Health Effects from Overexposure:

Acute: None expected

Chronic: Skin sensitization may occur with prolonged use.

First Aid - Emergency Procedures:

Eye Contact: Flush with water for 15 minutes; seek medical attention.

Skin Contact: Remove contaminated clothing and wash affected area with soap and water.

Inhaled: Move exposed person to fresh air; seek medical attention.

Swallowed: If significant quantities are swallowed, seek medical attention.

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.

13034 SATICOY ST., N. HOLLYWOOD, CA 91605, U.S.A.
(800) 341-9999; IN CALIFORNIA (818) 759-2400
CORPORATE OFFICE FAX: (818) 759-5770

ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE

MATERIAL SAFETY DATA SHEET

Product Name: MicroBond MicroBase Gel

SECTION V - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Reponse Procedures: Absorb with inert material and dispose.

Preparing Wastes for Disposal: As above. Dispose of in accordance with all Local, State and Federal regulations.

SECTION VI - SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: Local exhaust required.

Respiratory Protection: None required

Eye Protection: Chemical goggles

Gloves: Neoprene or latex gloves are recommended

Other Clothing and Equipment: Garments to prevent prolonged or repeated contact.

Other Handling and Storage Requirements: None.

SECTION VII - PHYSICAL PROPERTIES

Vapor Density (air=1): <1

Specific Gravity: 1.26

Solubility in Water: N/A

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: Viscous clear liquid with a characteristic acrylate odor.

SECTION VIII - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method: >200° F (Cleveland open cup)

Fire Extinguishing Materials: Carbon Dioxide or dry chemical for small fires, aqueous foam for large fires.

Special Firefighting Procedures: Keep containers cool with water spray to prevent polymerization.

Unusual Fire and Explosion Hazards: Exothermic polymerization may cause containers to rupture.

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

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation, and verification. Buyer assumes all risk of use, storage, and handling of the product in compliance with applicable federal, state, and local laws and regulations. OPI PRODUCTS INC. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. OPI Products Inc. will not be liable for claims relating to any party's use of, or reliance on, information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete, or otherwise misleading.