

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

SYSTEM III GELS MATERIAL SAFETY DATA SHEET



SECTION I - PRODUCT IDENTIFICATION

Product Name: OPI System III Veneer Gel, Sculpture Gel, and Gel Gloss.

Date Prepared: 6/01/89

Name of Preparer: R. Eric Montgomery

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: Triethylene Glycol Dimethacrylate

CAS Numbers: 109-16-0

Chemical Name: Urethane Acrylate

CAS Numbers: Number withheld as trade secret

Chemical Name: Dimethyl-Aminoethyl Methacrylate

CAS Numbers: 2867-47-2

SECTION III - PHYSICAL PROPERTIES

Vapor Density (air=1): <<1

Specific Gravity: 1.09

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 off-white to white liquid with a characteristic acrylate odor.

SECTION IV - FIRE AND EXPLOSION

Flash Point (Fahrenheit) and Method: 46 (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 V - 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 product's ingredients are not found in the following lists:

OSHA, NTP, IARC.

SECTION VI - REACTIVITY DATA

Stability: Stable

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

Hazardous Polymerization: May occur

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

SECTION VII - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill Response Procedures: Absorb with inert material and dispose. Preparing Wastes for Disposal: As above

SECTION VIII - 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.

ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE