

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTIFY AS: SHOFU VARNISH TYPE II VARNISH

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate this.

Section I
Manufacturer's Name: SHOFU DENTAL CORPORATION
Address (Number, Street, City, State, and ZIP Code): 1225 Stone Drive San Marcos, CA 92078
Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 760-736-3277
Date Prepared: OCTOBER 1, 2002
Signature of Preparer (Optional):

Section II - Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity; Common Name(s))
ETHYL ACETATE OSHA PEL 400 ppm ACGIH TLV 400 ppm Other Limits Recommended None % (optional)

Section III - Physical/Chemical Characteristics
Boiling Point: 171°F Specific Gravity (4°C = 1): 0.9
Vapor Pressure (mm Hg): 76mm Hg Melting Point: -117°F
Vapor Density (Air = 1): 3.0 Evaporation Rate (Butyl Acetate = 1): 6
Solubility in Water: 8.7g/100g H₂O
Appearance and Odor: THIN, CLEAR, YELLOW LIQUID

Section IV - Fire and Explosion Hazard Data
Flash Point (Method Used) (CLOSED CUP): 24 °F Flammable Limits: LEL 2.2% UEL 11%
Extinguishing Media: ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

(Reproduce locally) OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable X	Conditions to Avoid	HEAT, FLAMES
Incompatibility (Materials to Avoid)	Stable		
		INITIATES, STRONG OXIDIZERS, PLASTICS, RUBBER.	

Section VI - Health Hazard Data
Hazardous Decomposition or Byproducts: CARBON DIOXIDE
Hazardous Polymerization: May Occur Conditions to Avoid: N/A
Will Not Occur: N/A

Section VII - Health Hazard Data
Routes of Entry: Inhalation? POSSIBLE Skin? POSSIBLE Ingestion? POSSIBLE
Health Hazards (Acute and Chronic):
ACUTE: IRRITATING TO EYES, NOSE AND THROAT
CHRONIC: IRRITATING TO SKIN
Carcinogenicity: N/A MTP? N/A IARC Monograph? N/A OSHA Regulated? YES

Signs and Symptoms of Exposure
ACUTE: IRRITATING TO EYES, NOSE AND THROAT
CHRONIC: IRRITATING TO SKIN
Medical Conditions Generally Aggravated by Exposure: CHRONIC RESPIRATORY, SKIN, LIVER, AND KIDNEY DISEASE.

Emergency and First Aid Procedures
EYES: WASH EYES IMMEDIATELY WITH LARGE AMTS. OF WATER. SEE DR. A.S.A.P. SKIN: FLUSH EXPOSED AREA WITH WATER. SEE A DR. IF IRRITATION DEV. INHALATION: IF AGGRESSIVELY INHALED, PERSON SHOULD BE REMOVED TO FRESH AIR. SEE A DR.
Section VIII - Precautions for Safe Handling and Use SEE DR'S ADMINISTER STRONG GET MEDICAL ATTENTION
Steps to be Taken in Case Material is Released or Spilled:
1. REMOVE ALL IGNITION SOURCES. 2. VENTILATE AREA OF SPILL OR LEAK. 3. ABSORB OR PAPER TOWELS. BURN THE PAPER IN A SUITABLE LOCATION AWAY FROM COMBUSTIBLE MATERIALS.
Waste Disposal Method: ABSORB IN VERMICULITE, DRY SAND, EARTH OR A SIMILAR MATERIAL AND DISPOSE IN A SECURED SANITARY LANDFILL.

Precautions to be Taken in Handling and Storing: AVOID INHALATION, SKIN OR EYE EXPOSURE, SWALLOWING
STORE IN A COOL, DARK PLACE WITH TOP TIGHTLY CLOSED.
Other Precautions:
HANDLING OF PRODUCT EXCLUSIVELY BY DENTAL SPECIALISTS ACCORDING TO INSTRUCTIONS FOR USE.

Section VIII - Control Measures
Respiratory Protection (Specify Type): N/A
Ventilation: Local Exhaust: YES Special: N/A
Mechanical (General): N/A Other: N/A

Protective Gloves: MAY BE REQUIRED
Other Protective Clothing or Equipment: N/A
Eye Protection: MAY BE REQUIRED
Work/Hygiene Practices: AVOID IRRADIATION, SKIN AND EYE CONTACT