

MATERIAL SAFETY DATA SHEET: LIQUID DAM / PROCESS BLUE

IDENTITY

Trade Name: LIQUID DAM / PROCESS BLUE
Chemical Description: Light-cured, acrylic resin and filler.
Product Use: Dental material used to protect soft tissue by creating a physical barrier.

SECTION I

Shofu Dental Corporation
1225 Stone Drive
San Marcos CA, 92069

Phone Numbers
24 Hr. Emergency: 1-800-535-5053
Customer Service: 1-800-827-4638

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SECTION II – HAZARDOUS INGREDIENTS

Ingredients	PEL/TLV	
Acrylic resins	Not Established	
DOT hazard classification:	Not regulated	
WHMIS classification:	D-2 possible irritant	
NFPM HMIS rating: Health: 0	Flammability: 0	Reactivity: 1

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: n/a	Specific Gravity: 1.290	
Vapor Pressure: <1 mm Hg	Melting Point: n/a	Vapor Density: nil
Solubility in water: nil	Odor threshold: n/a	Odor: Characteristic
Appearance: Process blue gel		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point: >200 Deg F Flammable limits: n/a
Extinguishing Media: Carbon dioxide, dry chemical, chemical foam and water spray to keep fire-exposed container cool.
Special Fire Fighting Procedures: A self-contained breathing apparatus should be worn by fire fighting personnel.
Hazardous Combustion Products: Decomposes at elevated temperatures. Fumes may be hazardous.

SECTION V – REACTIVITY DATA

Stability: Stable
Conditions to avoid: Heat, open flame, peroxide, other free radical sources, direct light.
Incompatibility: Oxidizing agents and other free radical sources.
Hazardous Decomposition Products: Toxic fumes.
Hazardous Polymerization: May occur.
Conditions to avoid: Heat, free radical sources and direct light.

SECTION VI – HEALTH HAZARD DATA

Summary of acute Hazards: Minimal health hazard in this quantity. May be irritating to eyes, mucous membranes, skin. May be sensitizing or cause an allergic reaction in susceptible individuals.

Route of exposure:	Signs & Symptoms.
Inhalation:	May be irritating to mucous membranes.
Eye contact:	May be irritating.
Skin absorption:	May be sensitizing or cause an allergic reaction.
Skin contact:	Primary route of exposure. May be irritating (rash or redness). Sensitizing or cause an allergic reaction in susceptible individuals.
Ingestion:	May be irritating to mucous membranes. May be sensitizing or cause an allergic reaction in susceptible individuals.

Summary of chronic hazards: May cause sensitization in susceptible individuals, especially with prolonged or repeated exposure. Dental professionals should wear safety glasses and surgical gloves. Carcinogenicity, Teratogenicity, Mutagenicity, Reproductive Toxicity: None known.

Emergency First Aid Procedures:

Inhalation	Move to fresh air. Administer artificial respiration if required, and seek medical attention.
Eye Contact:	Flush eyes with copious amounts of water for 15 minutes. Seek medical attention immediately.
Ingestion:	Large quantity: give 1 pint warm water if patient is conscious. Do not induce vomiting. Consult physician immediately.
Skin Contact:	Remove with alcohol and then wash skin with soap and water. Flush with water for 15 minutes.
Allergic Reaction:	Call for emergency medical care immediately.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

Handling and storage precautions: Avoid temperature extremes, light and moisture.

Release or spill: Wear impervious gloves and safety goggles. Scrape up material, absorb with paper toweling and collect for disposal. Clean up residue with alcohol.

Waste disposal method: Follow all government regulations.

Other precautions: Wash hands after use.

SECTION VIII – CONTROL MEASURES

Respiratory Protection: None required.

Ventilation: No special ventilation recommended under anticipated conditions of normal use.

Protective Gloves: Recommended

Eye Protection: Safety glasses or goggles are recommended.

Other Protective Clothing or Equipment: Emergency eye wash fountain.

Work/hygienic Practices: Wash hands after use.

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