



Safety Data Sheet

Section 1: Identification

Product Name: Liquid Dam

Product Use: Professional light cured oral dam

Manufacturer: Inter-Med, Inc. / Vista Dental Products

Address: 2200 South St. Suite A, Racine, WI 53404

Phone: (877) 418-4782 **Fax:** (262) 636-9760

24 HR. Emergency Telephone Number CHEMTREC (North America) : 800-424-9300

24 HR. Emergency Telephone Number CHEMTREC (International) : +1 (703) 527-3887

Section 2: Hazard(s) Identification

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Skin Sensitizer	Category 1B
Skin Corrosion/Irritation	Category 2

GHS Label elements, including precautionary statements

Emergency Overview

Warning



- Causes serious eye irritation
- May cause respiratory irritation.

Appearance: Blue

Physical State: Paste

Odor: slight ester/sweet smell



Precautionary Statements

Prevention

- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep container tightly closed.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Keep cool

General Advice

None

Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- IF eye irritation persists: Get medical advice/attention

Skin

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Inhalation

- If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Call a POISON CENTER or doctor/physician if you feel unwell

Fire

- In case of fire: Use CO₂, dry chemical, or foam for extinction

Storage

- Store locked up.

Disposal

- Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Aspiration hazard if swallowed - can enter lungs and cause damage Harmful to aquatic life

<5% of the mixture consists of ingredient(s) of unknown toxicity.



Section 3: Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %	Trade secret
ethoxylated bis-phenol-A dimethacrylate	41637-38-1	45-55	*
urethane dimethacrylate	72869-86-4	35-45	*
silica	68611-44-9	10-15	*
ethyl 4-dimethylaminobenzoate	10287-53-3	0-0.5	*
camphorquinone	10373-78-1	0-0.5	*
butylated hydroxytoluene	128-37-0	0-0.01	*

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

Section 4: First-Aid Measures

Description of necessary first-aid measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

Skin Contact: Wash off with warm water and soap. Consult a physician if necessary.

Inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If feeling unwell, seek medical attention.

Ingestion: Rinse oral cavity with copious water. If feeling unwell, call a physician or Poison Control Center immediately.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects: Mild skin irritation

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: Not Applicable

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

None

Explosion Data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge None.



Protective Equipment and Precautions for Firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight from a protected location or safe distance.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Avoid breathing vapors or mists.

Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Environmental Precautions

Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Pick up and transfer to properly labeled containers.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Ensure adequate ventilation. Avoid breathing vapors. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

Conditions for safe storage, including any incompatibilities

Storage: Keep containers tightly closed in a dry, cool and away from direct sunlight.

Incompatible Products: Strong acids. Strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Control parameters

Occupational Exposure Limits: None Established

Appropriate engineering controls

Engineering Measures: Showers

Eyewash stations

Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection: Safety glasses with side-shields. Tightly fitting safety goggles.

Skin and Body Protection: Long sleeved clothing. Impervious gloves.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Remove and wash



contaminated clothing before re-use. Wash thoroughly after handling.

Section 9: Physical and Chemical Properties

Physical State	Solid (paste)	Appearance	Tooth Colored.
Odor	Minimal; Ester/sweet	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	Not Applicable	
Melting Point/Range	Not Applicable	
Boiling Point/Range	Not Applicable	
Flash Point	Not Applicable	
Evaporation rate	Not Applicable	
Flammability (solid, gas)	No data available	
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	Not Applicable	None known
Specific Gravity	1.75-1.85 @ 25°C	
Water Solubility	Insoluble	None known
Solubility in other solvents	Partially soluble in acetone and ethanol	None known

Information on basic physical and chemical properties

Partition coefficient: n-octanol/water:	No data available	None known
Autoignition Temperature:	No data available	None known
Decomposition Temperature:	No data available	None known
Viscosity:	Medium viscosity	
Flammable Properties:	Not flammable	
Explosive Properties:	No data available	
Oxidizing Properties:	No data available	

Other information

VOC Content (%):	None
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Section 10: Stability and Reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal conditions.



Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Ignitions sources - heat, sparks and open flames.

Incompatible materials

Strong acids. Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

Section 11: Toxicological Information

Information on likely routes of exposure

Product Information: The product itself has not been tested. Data is for major component in product.

Inhalation: May cause drowsiness and dizziness based on components. May cause irritation of respiratory tract.

Eye Contact: Irritating to eyes.

Skin Contact: May cause skin irritation and/or dermatitis.

Ingestion: Potential for aspiration if swallowed. Vomiting may aspirate into lungs and cause chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms: May cause drowsiness and dizziness. Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization: No information available.

Mutagenic Effects: No information available.

Carcinogenicity: No information Available.

Acute Toxicity

Chemical Name	Result	Species	Dose
ethoxylated bis-phenol-A	LD 50 Oral	Rat	>2000 mg/kg
urethane dimethacrylate	LD 50 Oral	Rat	>5000 mg/kg

Reproductive Toxicity: No information available.

STOT - single exposure: No information available.

STOT - repeated exposure: No information available.

Target Organ Effects: Respiratory system.

Aspiration Hazard: Based on product level data, this product does not meet the requirement to be classified as an aspiration hazard. However, this product contains an ingredient that may cause aspiration if swallowed.



Section 12: Ecological Information

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
ethoxylated bis-phenol-A dimethacrylate 41637-38-1	EC50 48h >100 mg/l OECD Guideline 201	LD50 96h >100 mg/l OECD Guideline 203	EC50 48h >100 mg/l OECD Guideline 202
urethane dimethacrylate 934705-15-4	EC50 72 h 0.68mg/l	Not Established	EC50 24 h 1.2 mg/l

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects

No information available.

Section 13: Disposal Considerations

Waste Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Do not re-use empty containers.

To minimize exposure during disposal, refer to Section 8.

Section 14: Transport Information

DOT

UN-Number Not Regulated

Proper shipping name

Hazard Class

Packing Group

Description

Emergency Response Guide Number

TDG

UN-Number Not Regulated

Proper Shipping Name

Hazard Class

Packing Group

**Description****MEX**

UN-Number Not Regulated

Proper Shipping Name**Hazard Class****Packing Group****Description****IATA**

UN-Number Not Regulated

Proper Shipping Name .**Hazard Class****Packing Group****ERG Code****Description****IMDG/IMO**

UN-Number Not Regulated

Proper Shipping Name**Hazard Class****Packing Group**

Section 15: Regulatory Information

International Inventories

TSCA - All components of this product are either listed or are exempt on the TSCA inventory.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories**Acute Health Hazard:** Yes**Chronic Health Hazard:** Yes**Fire Hazard:** No**Sudden Release of Pressure Hazard:** No**Reactive Hazard:** No**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the CleanWater Act (40 CFR 122.21 and



40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

None of the components are listed

U.S. State Right-to-Know Regulations

Massachusetts: The following components are listed: Amorphous silica

New York: None of the components are listed

New Jersey: Fluorides; barium compounds

Pennsylvania: Barium compounds; silica

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

NFPA Health Hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards –

HMIS Health Hazard 1 Flammability 0 Physical Hazard 0 Personal Protection X

Section 16: Other Information

The data and information given in this material safety data sheet are accurate to the best of our knowledge on the date of preparation. It does not indicate any warranty or representation.

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