

MATERIAL SAFETY DATA SHEET

U.S. DEPARTMENT OF LABOR

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

Identity: Acqua Seal™ (B)

Section I

Acquamed Technologies Inc.	Emergency Number
24 N. Washington Av. Suite 201	(630)761-3080
Batavia, IL 60510	Information Number
	(630)761-3080

Section II

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV
Benzalkonium Chloride	0.2 ppmv	0.2 ppmv
Hydroxyethyl Methacrylate, HEMA	NE	NE
Sodium Fluoride	1-2ppmv	1-2ppmv
Water	N/A	N/A

Section III

Boiling Point: Undetermined	Specific Gravity (H ₂ O=1) 1.03
Vapor Pressure (mmHg); Undetermined	Melting Point; <0°C
Vapor Density (Air=1); Undetermined	Evaporation Rate(Butyl Acetate=1): >1
Solubility in Water: Very Soluble	
Appearance and Odor: Clear to straw colored liquid with mildly pungent odor.	

Section IV FIRE AND EXPLOSION DATA

Flash point (Method Used): >212°F (100°C)	
Extinguishing Media: Not a Fire Hazard	
Special Fire Fighting Procedures: Not a fire hazard	
Unusual Fire and Explosion Hazards: Not a fire hazard	

Section V-REACTIVITY DATA

Stability (Stable Yes) Conditions to avoid: Extreme prolonged heat which causes evaporation.
Incompatibility (Material to Avoid): Alkalies, free radical initiators, intense ultraviolet radiation
Hazardous Decomposition or Byproducts: NE
Hazardous Polymerization: May Occur (Yes) Conditions to Avoid: Extreme Heat and Free Radical Initiators Will Not Occur

Section VI-HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation: Possible	Skin: Possible	Ingestion: Possible
Health Hazards (Acute and Chronic); Skin, eye irritation followed by sloughing; possible allergic response			
Carcinogenicity: Not Shown	NTP: Not Listed	IARC Monographs: Not Listed	OSHA Regulated: No
Signs and Symptoms of Exposure: Red mucosal membranes, dermatitis.			
Medical Conditions Generally Aggravated by Exposure: Existing dermatitis			
Emergency First Aid Procedures: For skin exposure, flush with large volumes of water, than wash with soap and water. For inhalation, contact physician and remove to fresh air. For ingestion, do not induce vomiting and contact physician.			

Section VII- PRECAUTIONS FOR SAFE HANDLING AND USE

Handling of Accidental Material Release or Spillage: Use adsorbent to contain and dispose adsorbent according to federal, state and local ordinances and regulations.
Waste Disposal Method: Follow federal, state and local ordinances and regulations.
Handling or Storage Precautions: Avoid skin, eye contact. Do not store in high heat areas.
Other Precautions: Keep containers closed when not using the material to avoid spills.

Section VII-CONTROL MEASURES

Respiration Protection:	Special:
Local Exhaust: Recommended Mechanical(General):	Other:
Protective Gloves: Recommended	Eye Protection Recommended
Other Protective Clothing or Equipment:	Routine health care personnel garb is adequate
Work Hygienic Practices:	Routine health care personnel treatment procedures as commonly practiced in the dental health care industry.