



MATERIAL SAFETY DATA SHEET

Product Identity:

AQHESIVE

SECTION I.

Identification

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Manufacturer

Dental Ventures of America Inc.
1787 Pomona Rd., Suite C
Corona, CA. 92880

Emergency Telephone Number:

Infotrack: (800) 535 - 5053

Product Information Number:

(951) 270 - 0606

SECTION II.

Composition/Information on Ingredients

Please refer to Section III.

SECTION III.

Hazardous Ingredients/Identity Information

Common Names:	CAS Number	OSHA/PEL	ACGIH/TLV	OTHER LIMITS	% OPTION
Ethyl-2 Cyanoacrylate:	07085-85-0	NE	NE	0.2 ppm TWA	60-100
Hydroquinone*	123-31-9	2mg/m3	2mg/m3		0-1

*This ingredient is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments & Reauthorization Act of 1986 (SARA) and 40 CFR 372.

NFPD CODES: Health - 2 Flammability - 2 Reactivity - 1 Other - None

SECTION IV.

First Aid Measures

Skin:	Immerse bonded surfaces in warm soapy water. Peel or roll skin apart. Remove cured adhesive with several applications of warm, soapy water. Do not force separation. Prolonged or repeated contact at elevated levels may cause dermatitis in sensitive individuals.
Eyes:	Tearing from eye irritation. Remove to fresh air. Flush thoroughly with lukewarm or tepid water for at least 15 minutes. Adhesive will disassociate from eye/eyelids over time, usually within several hours. Temporary weeping of eyes/double vision may be experienced until clearance is achieved.
Inhalation:	Irritation of mucous membranes, coughing. Move to fresh air. Prolonged or repeated exposure at elevated levels may produce allergic reactions with asthma-like symptoms in sensitive individuals. If symptoms persist, call a physician.
Ingestion:	Lips may become stuck together. Apply copious amounts of warm water & encourage wetting/pressure from saliva inside mouth. Gently peel or roll the lips apart (do not pull). It is almost impossible to swallow cyanoacrylate as adhesive solidifies upon contact with saliva & may adhere to inside of mouth. Saliva should lift the adhesive in 12 - 48 hours. Do not force removal. Do not swallow the adhesive when it loosens. Medical Conditions Generally Aggravated by Exposure: Pre-existing skin, eye and respiratory disorders may be aggravated by exposure.

SECTION V.

Fire-Fighting Measures

Flash Point:	185F (TCC) 80C	Flammable Limits:	LEL: NE	UEL: NE
Recommended Extinguishing Media:	Flush with large amounts of water or dry chemical extinguisher.			
Special Fire Fighting Procedures:	Fumes may be irritating if not burning and require air supply with goggles while applying large amounts of water or dry chemical. When fighting fire, wear full protective equipment, including self-contained breathing apparatus.			
Unusual Fire or Explosion Hazards:	None. Combustible requiring the above procedures.			

Product: *AQHESIVE***SECTION VI. Accidental Release Measures**

Steps to Be Taken in Case Material is Released or Spilled: Polymerize with water. Solid material may be scraped from surface.

SECTION VII. Handling and Storage

Handling: Avoid contact with clothing as contact can cause burning.
 Storage: Avoid moisture, direct UV-Sunlight and do not store above 25 C (77 F). Keep container tightly closed when not in use. Ideal storage: 5 - 10 C (41 F - 50 F).
 Other Precautions: Avoid breathing vapor, contact with eyes and skin. Allow product to reach room temperature before use. Avoid storage with primers.

SECTION VIII. Exposure Controls / Personal Protection

Personal Protective Equipment Recommended for Normal Conditions:
 Eye Protection: Safety glasses with side shields.
 Skin Protection: Polyethylene (non-sticking) gloves and rubber apron (no cotton or wool) to protect clothing.
 Respirator Protection: N/A with local exhaust. A NIOSH-approved organic vapor canister may be used to maintain vapor concentration below TLV. Mechanical (General) Large amounts used to 0.2 ppm.
 Work/Hygienic Practices: Soap and water helps remove adhesive from skin.

SECTION IX. Physical and Chemical Properties

Appearance/Odor:	Transparent water-white to straw colored liquid.	Odor:	Stimulative Odor
Boiling Point:	365 F	Specific Gravity (H ₂)=1):	1.05
Vapor Density:	nil-NE	Melting Point:	NE
Vapor Pressure (mm Hg):	1 @ 20 C	Evaporation Rate (Butyl acetate=1):	nil-NE
Solubility in Water:	Insoluble, material reacts to hardened mass for non-hazardous waste.		

SECTION X. Stability and Reactivity

Product is stable under normal conditions.
 Conditions to Avoid: Excessive heat above 176 F (81 C), moisture and alkalines. Stable up to 122 F (50 C).
 Incompatibility (Materials to Avoid): Polymerized by water, alcohol, amines, alkaline materials and direct UV.
 Hazardous Decomposition: Combustible by-products of carbon monoxide/dioxide.
 Hazardous Polymerization: May not occur.

SECTION XI. Toxicological Information

Route (s) of Entry:	Inhalation: Yes	Skin: No	Ingestion: LD50 = 12.2cc/kg (mice)
Carcinogenicity:	NTP: No	IARC Monographs: No	OSHA Regulated: No

SECTION XII. Ecological Information

No information available.

Product: *AQHESIVE*

SECTION XIII. Disposal Considerations

Incinerate solid combustible waste or dump as chemical waste according to local, state, provincial and federal regulations.

SECTION XIV. Transport Information

Transport this product according to local, state, provincial and federal regulations.

SECTION XV. Regulatory Information

No regulatory information known at this time.

SECTION XVI. Other

The data herein relates to the product named and is based upon information that Dental Ventures of America, Inc. believes to be reliable and accurate. No warranty expressed or implied is intended. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. This information is offered solely for your consideration and interpretation.