



# SAFETY DATA SHEET

## *AQHESIVE*

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** DVA Aqhesive

Date Revised: June, 2015

**MANUFACTURER**

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

**Emergency Contact: Infotrack: 800.535.5053**

**Emergency Phone: 951.270.0606**

**Alternative Emergency Phone: 800.228.6696**

**USE OR APPLICATION:** Aqhesive is used in the Arti-Quick Articulation System

**USES ADVISED AGAINST:** For professional use only.

### 2. HAZARD(S) IDENTIFICATION

#### GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2

Skin Irritation, Category 2

Skin Sensitization, Category 1

Respiratory Tract Irritation, Category 3

#### GHS LABEL ELEMENTS



#### HAZARD STATEMENTS

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H317: May cause an allergic skin reaction.

#### PRECAUTIONARY STATEMENT(S)

Prevention:

2783BK66: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of reach of children.

4607G8KU: Contains HYDROQUINONE. May produce an allergic reaction.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.



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P264: Wash skin and hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P362: Take off contaminated clothing and wash before reuse.

### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.

### Disposal:

7944L5O1: Dispose of in a manner consistent with federal, state, and local regulations.

## EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Clear, Colorless liquid

**IMMEDIATE CONCERNS:** R36/37/38: Irritating to eyes, respiratory system and skin.

### POTENTIAL HEALTH EFFECTS

**EYES:** R36: Irritating to eyes.

**SKIN:** May cause skin irritation. Allergic reactions are possible.

**INGESTION:** Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

**INHALATION:** R37: Irritating to respiratory system.

**MEDICAL CONDITIONS AGGRAVATED:** Not a likely route of exposure.

**ROUTES OF ENTRY:** Inhalation & ingestion are major routes of entry.

**CANCER STATEMENT:** Not Applicable.

**IRRITANCY:** Irritating to eyes, respiratory system and skin.

**SENSITIZATION:** May cause allergic skin reaction.

## 3. COMPOSITION /INFORMATION ON INGREDIENTS

Under GHS-OSHA 4.11 the precise composition of this product is withheld as confidential business information (CBI). A more complete disclosure can be provided to a health, or safety professional when necessary.

### SUBSTANCES or MIXTURE

Chemical Name	Wt.%	CAS
ETHYL-2-CYANO ACRYLATE	60 - 100	7085-85-0
Polymethyl methacrylate	10 - 30	9011-14-7
Hydroquinone	0 - 1	123-31-9

#### 4. FIRST-AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Wash with soap and water. Peel or roll skin apart.

**INGESTION:** Peel or roll skin apart. Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Avoid swallowing solid adhesive after detachment. Not a toxic product.

**INHALATION:** Remove to fresh air. Prolonged or repeated elevated exposure may cause allergic reactions with asthma-like symptoms in sensitive individuals.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Causes eye irritation.

**SKIN:** Substance causes moderate skin irritation.

**SKIN ABSORPTION:** Adhesive becomes solid in contact with saliva and may adhere to inside of mouth. Saliva will lift adhesive in 1-2 days. Not a toxic product.

**INGESTION:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**ACUTE TOXICITY:** Avoid exposure to vapor concentration in confined areas.

#### 5. FIRE-FIGHTING MEASURES

**GENERAL HAZARD:** Combustible liquid and vapor. Product polymerized to solid by water.

**EXTINGUISHING MEDIA:** Use dry chemical extinguisher or flush with large amounts of water.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustible by-products of carbon monoxide/dioxide.

#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Polymerize with water. Solid material may be scraped from surface.

**LARGE SPILL:** Polymerize with water. Increase ventilation to area. Solid material may be scraped from surface.

**ENVIRONMENTAL PRECAUTIONS WATER SPILL:** None known.



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### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Use with adequate ventilation. Avoid contact with eyes, skin and clothing.

**HANDLING :** Avoid breathing (dust, vapor, mist, gas). Avoid contact with skin, eyes and clothing. Keep container closed when not in use.

**STORAGE:** Store in a cool place in original container and protect from sunlight. Keep away from sources of ignition.

**STORAGE TEMPERATURE:** Ideal storage: 41-50F (5-10C)

**SHELF LIFE:** One year from the date of shipment from Pacer Technology, except for Pacer No-O dor product whose shelf life is 6 months, only.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use only in a well ventilated area. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

**RESPIRATORY:** Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment.

**WORK HYGIENIC PRACTICES:** S24/25: Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid contact with clothing as contact can cause burn.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
ODOR:	Characteristic odor, intensely irritating.
APPEARANCE: T	ransparent, colorless liquid.
PERCENT VOLATILE:	<20g/L
FLASHPOINT AND METHOD:	85°C (185°F) CC - Closed Cup
VAPOR PRESSURE:	1mm Hg @ 20C
VAPOR DENSITY:	Not Established
BOILING POINT:	185°C (365°F) S
OLUBILITY IN WATER:	Insoluble
EVAPORATION RATE:	Not Established
SPECIFIC GRAVITY: 1	.06
VISCOSITY #1:	2 to 10 Centipoise at 22°C (72°F)
(VOC):	< 20.000 g/L



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#### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Avoid temperatures above 176°F (80°C), moisture and alkalines.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and other toxic or irritating compounds may form when heated to decomposition. Oxides of nitrogen and probably hydrogen cyanide are also possible.

**INCOMPATIBLE MATERIALS:** Polymerized by water, alcohol, amines, alkaline materials and direct UV.

#### 11. TOXICOLOGICAL INFORMATION

##### ACUTE

**DERMAL LD50:** > 2000 mg/kg

**Notes:** (Estimated)

**ORAL LD50:** > 5000 mg/kg

**Notes:** (Estimated)

**INHALATION LC50:** Vapors may be irritating. Recommended TWA 0.2ppm.

**EYE EFFECTS:** Bonds skin and eyes in seconds. Eye irritant.

**SKIN EFFECTS:** Irritating to skin. May cause allergic skin reaction with prolonged contact.

#### 12. ECOLOGICAL INFORMATION

**GENERAL COMMENTS:** None known

#### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Polymerize with water to a solid material. Dispose of as solid waste or trash in accordance with local government regulations of the region.

Please refer to Section 8 for Exposure Controls/Personal Protection.

#### 14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not restricted

ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Not restricted

AIR (ICAO/IATA)

**SHIPPING NAME:** Not restricted

VESSEL (IMO /IMDG)

**SHIPPING NAME:** Not restricted

**CANADA TRANSPORT OF DANGEROUS GOODS SHIPPING NAME:** Not restricted



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### 15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

CALIFORNIA PROPOSITION 65: Not Applicable.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION

### 16. OTHER INFORMATION

**DATE PREPARED:** June 2015

**SUPERSEDES MSDS:** May 2006

**MANUFACTURER DISCLAIMER:**

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