



MATERIAL SAFETY DATA SHEET

Product Identity:
ZAPIT BASE

SECTION I. Identification

REVISION: OCTOBER 2012

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

Chemical Name/Synonyms:	Cyanoacrylate Adhesive
Common Name:	Cyanoacrylate Instant Adhesive
DOT Hazard Classification:	Cement, Liquid NOS NA 1133
CAS Number:	N/A - Mixture
Formula/Molecular Weight:	N/A - Mixture

SECTION III. Hazardous Ingredients/Identify Information

Listed below are the hazardous component (s) as defined in 49 CFR 172 and 29 CFR 1910, which are present in this product and all components which appear on the hazardous substance list of any state.

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
Poly (Methyl Methacrylate)	9011-14-7	NE	NE		10-30
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.

Product: **ACRYLIC LIQUID****SECTION III. Hazards Ingredients Identification (Continued)**

In Accordance with Directive 67/548/EC or Directive 1999/45/EC

Labelling in accordance
with EC Directives

Requires labelling

Hazardous components
for labelling

Methyl methacrylate

Hazard Symbols

F Highly flammable

Xi Irritant

Risk-Phrases



XI



F

Risk-Phrases

R11

Highly flammable

R36/37/38

Irritating to eyes, respiratory system and skin

R43

May cause sensitisation by skin contact

Safety-Phrases

S9

Keep container in a well-ventilated place

S16

Keep away from sources of ignition

S24/25

Avoid any inhalation, contact with skin and eyes.

Wear suitable protective clothing and gloves

S29

Do not empty into drains

S46

If swallowed, seek medical advice immediately and show this
container or label

S60

This material and its container must be disposed of as
hazardous waste

Other hazards:

Polymerisation with heat evolution may occur in the presence of radical forming substances (e.g peroxides),
reducing substances, and/or heavy metal ions.

In Accordance with Regulation EC 1272/2008

COMPONENT

CAS NO.

CONTENT

HAZARD/CATEGORY/STATEMENT

EC INDEX NO.

REACH NO.

EINECS NO.

Methyl Methacrylate

80-62-6

>96%

Flam. Liq./2/H225

607-035-00-6

Skin Irrit./2/H315

01-2119452498-28

Skin Sens./1/H317

201-29701

STOT SE (inhalation)/3/H335

1,4-Butanediol

2082-81-7

<4.0%

Skin Sens./1/H317

STOT SE (inhalation)/3/H335

Dimethacrylate

Pre-registered

218-218-1

In Accordance with Directive 67/548/EC or Directive 1999/45/EC

COMPONENT

CAS NO.

HAZARD SYMBOL - R-PHRASE

CONTENT

Methyl Methacrylate

80-62-6

F,Xi – 11,36/37/38, 43

>96%

1,4-Butanediol

2082-81-7

Xi – 36/37/38, 43

<4.0%

Dimethacrylate

Product: **ZAPIT BASE****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

Please refer to Sections II and III.

SECTION XII. Ecological Information

Please refer to Sections I thru X.

SECTION XIII. Disposal Considerations

This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261. Dispose of in an approved landfill in accordance with state and local regulations.

Incinerate solid combustible waste or dump as chemical waste according to regulations.

SECTION XIV. Transport Information

Transport this product according to local, state and federal requirements.

SECTION XV. Regulatory Information

Substances listed as hazardous component (s) as defined in 49 CFR 172 and 29 CFR 1910, which are present in this product and all components which appear on the hazardous substance list of any state.

EPA SARA TITLE III HAZARD CLASS: Combustible liquid.

This product contains NO CHEMICALS subject to the reporting requirements of EPA SARA TITLE III Section 313 (40CFR372); or considered by State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as causing cancer or reproductive toxicity and for which warnings are now required.

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.