



# SAFETY DATA SHEET

## ZAPIT ACCELERATOR

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** Curing Accelerator

Date Revised: April, 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:** Used in conjunction with Zapit Glue for dental purposes.

**USES ADVISED AGAINST:** Use only as directed.

### 2. HAZARD(S) IDENTIFICATION

#### GHS CLASSIFICATIONS

**Health:**

Acute Toxicity (Oral), Category 3  
Acute Toxicity (Dermal) Category 3  
Acute Toxicity (Inhalation), Category 2  
Skin Irritation, Category 2  
Eye Irritation, Category 2  
Aspiration Hazard, Category 1

**Physical:**

Flammable Liquids, Category 2

**SIGNAL WORD** DANGER

#### GHS LABEL ELEMENTS



#### HAZARD STATEMENTS

H225: Highly flammable liquid and vapor.

H301: Toxic if swallowed.



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### HAZARD STATEMENTS, Cont.

- H304: May be fatal if swallowed and enters airways.
- H311: Toxic in contact with skin.
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H330: Fatal if inhaled.
- H373: May cause damage to organs through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS

#### Prevention Statement(s)

- P210: Keep away from heat/sparks/hot surfaces. - No smoking.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing eye protection/face protection.
- P233: Keep container tightly closed.
- P240: Ground/bond container and receiving equipment.
- P242: Use only non-sparking tools.
- P243: Take precautionary measures against static discharge.
- P270: Do not eat, drink or smoke when using this product.
- P271: Use only outdoors or in a well-ventilated area.
- P260: Do not breathe dust/fume/gas/mist/vapors/spray.

#### Response:

- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes, Remove contact lenses, if present and easy to do. Continue rinsing.
- P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340: IF INHALED: Remove to fresh air and keep at rest in position comfortable for breathing.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.

#### Storage:

- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P403+P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.

#### Disposal:

- 7944L501: Dispose of in a manner consistent with federal, state and local regulations.



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## 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**    Liquid

NO. COMPONENT	CAS.NO	PERCENT
Heptane	142-82-5	65-75
Acetone	67-64-1	15-25
N,N-DIMETHYL-P-TOLUIDINE	99-97-8	5-10

## 4. FIRST-AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms reoccur. Wash clothing before reuse.

**INHALATION:** Immediately remove patient to fresh air. If breathing has stopped, give artificial respiration. Use oxygen as required. provided a qualified operator is available. Get medical attention immediately.

**INGESTION:** Do Not induce vomiting. Contact physician at once.

### SIGNS AND SYMPTOMS OF OVER EXPOSURE:

**EYES:** Causes eye irritation.

**SKIN:** Remove contaminated clothing and wash affected areas with soap and water, Prolonged or repeated contact can cause dermatitis in sensitive individuals. Contact a physician if irritation persists.

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

## 5. FIRE-FIGHTING MEASURES

**GENERAL HAZARD:**            Highly flammable

**EXTINGUISHING MEDIA:**    Use dry chemical, foam or carbon dioxide.

**HAZARDOUS COMBUSTION PRODUCTS:**    Combustible by-products of carbon monoxide and dioxide.

**FIRE FIGHTING PROCEDURES:** “Empty” containers, retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum re conditioner, or properly disposed of.



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**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:** Carbon monoxide or carbon dioxide.

### 6. ACCIDENTAL RELEASE MEASURES

**METHODS AND MATERIALS FOR CONTAINMENT:** Small Spill: Ventilate area and remove sources of ignition. Confine and remove with inert absorbent. Large Spill: Contain spill with dike to prevent entry into sewers. Absorb liquid and place in sealed container for disposal.

**CLEANUP PROCEDURES: Water Spill:** This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid breathing of vapors. Use only in well ventilated areas. When handling, do not eat, drink or smoke.

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

**STORAGE:** Keep away from heat, sparks and flame, sunlight and ignition sources. Do not place in direct sunlight or allow contamination with incompatible materials. Do not return any used material to storage container. Keep tightly capped. Storage Temperature: Ambient room temperature (70F/21C).

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during 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:** Wear chemical resistant gloves (Buna-N or Polyvinyl alcohol) and apron to protect skin and clothing.

**RESPIRATORY:** NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or in circumstances where air purifying respirators may not provide adequate protection.

**WORK HYGIENIC PRACTICES:** Avoid direct contact and breathing vapor. Use with adequate ventilation. Wash hands with soap and water after use.



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## EXPOSURE GUIDELINES

## OSHA HAZARDOUS COMPONENTS (29cfr1910.1200)

Chemical Name	EXPOSURE LIMITS						
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Heptane	TWA	500	2000	400	1640		
	STEL			500	2050		
Acetone	TWA	1000	2400	500		NL ppm	NLmg/m <sup>3</sup>
		ppm(1)	mg/m <sup>3</sup> (1)	ppm	mg/m <sup>3</sup>		
	STEL	ppm	mg/m <sup>3</sup>	750ppm	mg/m <sup>3</sup>	NLppm	NLmg/m <sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Moderate odor

**APPEARANCE:** Transparent, colorless liquid

**FLASHPOINT AND METHOD:** -20C (-4F)

**VAPOR PRESSURE:** Not established

**VAPOR DENSITY:** Not established

**BOILING POINT:** 13C (56F)

**SOLUBILITY IN WATER:** Negligible

**EVAPORATION RATE:** Not established

**SPECIFIC GRAVITY:** 0.7

**VISCOSITY #1:** Not established

**(VOC):** 574.000 g/L

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Heat, sparks and flame

**INCOMPATIBLE MATERIALS:** Pure oxygen and strong oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

**EYES EFFECTS:** Mildly to moderately irritating.

**SKIN EFFECTS:** Repeated exposure may cause skin sensitization

### 12. ECOLOGICAL INFORMATION

**EXOTOXICITY EFFECTS:**

**AQUATIC TOXICITY:**

R50/53: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:**

S56: Dispose of this material and its container to hazardous or special waste collection point.

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

### 14. TRANSPORT INFORMATION

DOT (Department of Transportation, Air (ICAO/IATA), Vessel (IMO/IMDG))

UN Number: 1993

UN Proper Shipping Name: Flammable liquids N.O.S. (contains Heptane, Acetone)

TRANSPORT HAZARD CLASS(S) 3

PACKING GROUP NUMBER: II

GUIDANCE ON TRANSPORT IN BULK: None given

SPECIAL PRECAUTIONS: None given.

### 15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

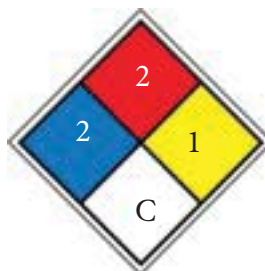
TSCA STATUS: All ingredients in this mixture are in compliance with TSCA,

### 16. OTHER INFORMATION

DATE PREPARED: April, 2015

SUPERSEDES MSDS: May, 2006

HMIS RATING:





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