

SAFETY DATA SHEETS

This SDS packet was issued with item:

072797504

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

072797553 072797587

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

072797595



SAFETY DATA SHEET

ZAPIT ACCELERATOR

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Curing Accelerator

Date Revised: November 2018

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 Rocket 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 3
- Skin Irritation, Category 2
- Eye Irritation, Category 2
- Aspiration Hazard, Category 1
- Specific Target Organ Toxicity (Repeated Exposure), Category 2
- Specific Target Organ Toxicity (Single Exposure), Category 3

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.
- H350: May cause cancer.
- H351: Suspected of causing cancer.

PRECAUTIONARY STATEMENTS

Prevention Statement(s)

- P102: Keep out of reach of children
- P103: Read label before use
- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- 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.
- P241: Use explosion-proof electrical/ventilating/lighting equipment.
- P242: Use only non-sparking tools.
- P243: Take precautionary measures against static discharge.
- P264: Wash skin and hands thoroughly after handling.
- 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.
- P280: Wear protective gloves/protective clothing/eye and face protection.

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:

- P501: 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	5-15

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.

ACUTE EFFECTS: Eye, skin and respiratory irritant.

CHRONIC EFFECTS: Prolonged or repeated exposure may cause skin dermatitis, central nervous system depression and lung damage.

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: Isolate immediate fire hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH APPROVED OR EQUIVALENT) and full protective gear.



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SENSITIVE TO STATIC DISCHARGE: Electrostatic charges may be generated during pumping. Ground all containers.

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: This material is water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

CLEANUP PROCEDURES:

Water Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Land Spill: Prevent contamination of soil, drains and surface waters. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

Special Protective Equipment: Use plastic/rubber gloves, chemical splash goggles or safety glasses with side shields.

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).

ELECTROSTATIC ACCUMULATION HAZARD: Take measures to prevent the build-up of electrostatic charge.

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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ZAPIT ACCELERATOR, Pg. 4

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29cfr1910.1200)

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

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE:** Liquid
- ODOR:** Moderate odor
- APPEARANCE:** Transparent, colorless liquid
- FLASHPOINT AND METHOD:** 0C (Calculated)
- VAPOR PRESSURE:** Not established
- VAPOR DENSITY:** Not established
- BOILING POINT:** 33 C (Calculated)
- 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:** Will not occur.
- CONDITIONS TO AVOID:** Heat, sparks and flame
- INCOMPATIBLE MATERIALS:** Pure oxygen and strong oxidizing agents
- POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.



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ZAPIT ACCELERATOR, Pg. 5

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	Oral LD 50 (rat)	Dermal LD 50 (rabbit)	Inhalation LC50 (rat)
Heptane	No Data Available	No Data Available	103000mg/L per 4 hr (rat)
Acetone	5800 mg/kg	7426 mg/kg(guinea pig)	50100mg/kg
N,N-dimethyl-p-toluidine	1650 mg/kg (rat)	>2000 mg/kg (rat)	498 mL/m3

Further data is available upon request.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Prevent product from entering drains or sewers in cas of spill.

ECOTOXICOLOGICAL INFORMATION: No data available.

BIOACCUMULATION/ACCUMULATION: No data available.

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, Dimethyl-p-toluidine-

TRANSPORT HAZARD CLASS(S) 3

PACKING GROUP NUMBER: II

GUIDANCE ON TRANSPORT IN BULK: None given

SPECIAL PRECAUTIONS: None given.

AIR (ICAO/IATA) SHIPPING NAME: SEE ABOVE

VESSEL (IMO/IMDG): SHIPPING NAME: SEE ABOVE

Comments: The transport information provided in this section only applies to the material formulation;/ itself, and is not specific to any package/configuration. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container vlume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organizations to fllow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III(SUPERFUND AMENDMENS AND REAUTHORIZATION ACT)

FIRE: yes PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No

CERCLA (COMPREHENSIVE REPOSE, COMPENSATION AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Acetone	15-25	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Heptane	142-82-5
N,N-DIMETHYL-P-TOLUIDINE	99-97-8

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

CALIFORNIA PROPOSITION 65 WARNING: 

This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. (Dimethyl-p-toluidine, CAS 99-97-8), (Benzene contaminant in acetone, less than 0.003% CAS 71-43-2).

Chemical Name	Wt.%	Listed
N,N-DIMETHYL-P-TOLUIDINE	5-15	Cancer

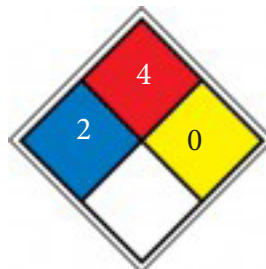
16. OTHER INFORMATION

DATE PREPARED: November 2018

SUPERSEDES MSDS: November 2016

HMIS RATING:

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H



MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, Dental Ventures of America, Inc does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.