



MATERIAL SAFETY DATA SHEET
Product Identity:
ZAPIT ACCELERATOR

SECTION I. Identification

REVISION: NOVEMBER 2010

Manufacturer

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

Emergency Telephone Number:

Infotrack (800) 535 - 5053
Product Information Number:
(951) 270 - 0606

SECTION II. Composition/Information on Ingredients

Zapit Accelerator	Curing Accelerator
Proper Chemical Name	Heptane
UN #	1206
Class	3
Packing Group	II

SECTION III. Hazardous Ingredients/Identify Information

Hazard Rating: 3

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS LIMITS	% OPTION
Heptane (142-82-5)	400 ppm	400 ppm		70 - 90
Acetone (67-64-1)	750 ppm	750 ppm	1000 ppm	10 - 20
Alkyl Toluidines (99-97-8)	NE	NE		5 - 10

*This ingredient is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know.

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

SECTION IV. First Aid Measures

Eye Contact:	Immediately flush eye with copious amounts of water for 15 minutes. If irritation persists, seek medical attention.
Skin Contact:	Irritation upon direct contact. Remove contaminated clothing and wash affected areas with soap and water. Prolonged or repeated contact can cause burning & itching in sensitive individuals.
Inhalation:	Remove to fresh air. Perform artificial respiration followed by oxygen if breathing has stopped. Get immediate medical attention.
Ingestion:	Do not induce vomiting. Get immediate medical attention.
Note to Physician:	Gastric lavage using a cuffed endotracheal tube may be performed at physicians' discretion.

Product: **ZAPIT ACCELERATOR****SECTION V. Fire-Fighting Measures**

Flash Point (Method):	-4 F (TCC)	Flammable Limits:	LEL: NE	UEL: NE
Extinguishing Media:	Dry chemical, foam or carbon dioxide.			
Special Fire Fighting Procedures:	Firefighters should wear self-contained breathing apparatus. Remove all sources of ignition. Water fog or spray may be used to cool exposed containers & equipment. Do not spray water directly on fire - product will float & may be reignited on surface of water.			
Unusual Fire and Explosion Hazards:	Carbon oxides formed when burned. Highly flammable vapors, which are heavier than air, may accumulate in low areas and/or spread along ground away from handling site.			

SECTION VI. Accidental Release Measures

Steps To Take if Spilled:	Evacuate area of all unnecessary personnel. Wear respiratory protection and safety equipment and remove all possible sources of ignition. Soak up with inert absorbent. Place in container for disposal. Keep out of water sources and sewers.
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SECTION VII. Handling and Storage

Storage:	Do not store or handle product in the presence of heat, sparks, or open flame. Ground and bond container when transferring. Static discharge possible. In presence of flammable or combustible liquids, take action to minimize ignition by grounding, inerting, etc. Store in a cool, dry area.
Handling:	Avoid direct contact with eyes, skin or clothing. Avoid vapors, mist, fumes or dust. Do not swallow. May be aspirated into lungs. Use and store in well ventilated area, keep container tightly closed when not in use, and away from heat sparks or flames. Ground all metal containers.

SECTION VIII. Exposure Controls / Personal Protection

Personal Protection	
Ventilation Requirements:	Local - must remove vapors directly from the point source to a safe location.
Personal Protective Equipment:	Eye Protection: Chemical Goggles Skin Protection: Rubber Gloves Respirator Protection: Respirator with organic vapor cartridge. NA with adequate ventilation.
Exposure Controls	
Respiratory Protection (Specify Type)	A NIOSH approved vapor canister may be used to maintain vapor concentration below TLV.
Ventilation:	Local Exhaust: To maintain concentration below TLV. Mechanical (General): As needed.
Protective Clothing or Equipment:	Safety glasses/goggles with side shields, resistant gloves (Buna-N or Polyvinyl Alcohol) and apron to protect skin and clothing.
Work/Hygienic Practices:	Wash hands with soap and water after use. Launder contaminated clothing before reuse.

SECTION IX. Physical and Chemical Properties

Boiling Point:	56 F (13 C)		
Vapor Pressure (mm Hg):	NE	Evaporation Rate (Butyl Acetate=1):	NE
Solubility in Water:	Negligible	Volatile (@ 70 F):	100%
Specific Gravity (H2O=1):	0.7	Vapor Density (Air=1):	
Melting Point:	NE		
Appearance & Odor:	Clear transparent liquid with mild odor		

Product: **ZAPIT ACCELERATOR****SECTION X.****Stability and Reactivity**

Stability:	Unstable XX	Conditions to Avoid:	Avoid heat, sparks & flames.
Incompatibility (Materials to Avoid)	Pure oxygen and strong oxidizing agents.		
Hazardous Decomposition Products:	Carbon oxides formed when burned.		
Hazardous Polymerization:	May Not Occur XX		

SECTION XI.**Toxicological Information**

Route(s) of Entry:	Inhalation: Yes	Skin: Yes	Ingestion: Yes
Acute:	May cause mild irritation of eyes, skin and respiratory tract with prolonged exposure. Ingestion may cause weakness and gastrointestinal tract irritation. If swallowed, may be aspirated resulting in inflammation and possible fluid accumulation in the lungs.		
Chronic:	Possible irritation to mucous membranes resulting in symptoms of nausea, loss of appetite, lassitude, light-headedness, giddiness, dizziness and incoordination. Respiratory arrest, convulsions, semi-consciousness or unconsciousness may result from extreme exposure.		

SECTION XII.**Ecological Information**

Please refer to Sections II - XI.

SECTION XIII.**Disposal Considerations**

Waste Disposal:	This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of its ignitability. Dispose of in a licensed hazardous waste facility in accordance with applicable laws.
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SECTION XIV.**Transport Information**

This product should be transported according to the local, state, provincial and federal regulations.

SECTION XV.**Regulatory Information**

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

Heptaine	Unknown	
CASRN	142825	80.0000 % Max. Exposure Limits: TWA 400 PPM, STEL 500 PPM
Acetone:	Flammable	
CASRN	67641	20.0000 % Max. Exposure Limits: PEL 1000 PPM, TWO 750 PPM, STEL 1000 PPM, REP RTECS # AL3150000, SARA 313 LIST and 302.4 LIST - RQ 5000#

SECTION XVI.**Other**

None.

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.