



**MATERIAL SAFETY DATA SHEET**

Product Identity:  
**TAC GEL**

**SECTION I. Identification**

REVISION: MAY 2006

Manufacturer  
Dental Ventures of America Inc.  
217 Lewis Court  
Corona, CA. 92882

Emergency Telephone Number:  
Infotrack (800)  
Product Information Number:  
(951) 270 - 0606

**SECTION II. Composition/Information on Ingredients**

No hazardous ingredients known to company.

**SECTION III. Hazards Ingredients/Identity information**

Appearance: Blue gel  
Odor: Mild  
CAUTION: Not a significant fire hazard. May cause eye irritation.  
HMIS Rating: Health - 1 (slight) Flammability - 0 (minimal) Reactivity - 0 (minimal)

Immediate Hazards: Ingestion: Not expected to be harmful under normal conditions of use.  
Inhalation: Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.  
Skin: May cause irritation with prolonged or repeated contact.  
Eyes: May cause irritation with prolonged or repeated contact.

Delayed Hazards: None of the components present in this product at concentrations equal to or greater than 0.1% have been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen.

**SECTION IV. First Aid Measures**

Ingestion: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room other additional treatment directions.  
Inhalation: Immediately remove to fresh air.  
Skin: In case of irritation, flush with water.  
Eyes: Immediately flush eyes with plenty of water. Call a physician if irritation persists.

**SECTION V. Fire Fighting Measures**

Autoignition Temperature: Not Available  
Upper/Lower Flammable Limits: Not Available  
Upper/Lower Explosive Limits % by Vol: Not Available  
Flash Point: Not Available  
Will not burn unless water has evaporated. Dried material may burn.  
In case of fire, water should be used to keep fire-exposed containers cool.

Product: **TAC GEL****SECTION VI.****Accidental Release Measures**

Sweep (scoop) up and remove to a chemical disposal area. Prevent entry into natural bodies of water.

**SECTION VII.****Handling and Storage**

**HANDLING:** Handle in accordance with good industrial hygiene and safety practices. Always use appropriate personal protective equipment.

**Inhalation:** Avoid prolonged or repeated breathing of vapor.

**Skin:** Avoid prolonged or repeated contact with skin and clothing.

**Eyes:** Avoid prolonged or repeated contact with eyes.

**STORAGE:** Keep from freezing. Store in cool, dry place. Keep containers tightly closed.

**SECTION VIII.****Exposure Controls / Personal Protection**

**EXPOSURE CONTROLS:** If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

**PERSONAL PROTECTION:** Where air contaminants can exceed acceptable criteria, use NIOSH approved respiratory protective equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANS standards regarding respiratory protection. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact.

**SECTION IX.****Physical and Chemical Properties**

Appearance:	Blue gel	Upper/Lower Explosive Limits:	% by Vol, NA.
Autoignition Temperature:	Not available	Flash Point	Not applicable
Boiling Point:	100 Degrees C	Freezing Point	0 Degree C
Vapor Density (Air-1):	< 2	Odor:	Mild
Vapor Pressure:	emHg of 20C 17.5	Odor Threshold, ppm:	Not applicable
Evaporation Rate:	(Butyl Acetate-1) <1	Solubility in Water:	Soluble
Upper/Lower Flammable Limits:	Not applicable	Percent Volatile:	8%
Specific Gravity	1.01	ph 25 C	5

**SECTION X.****Stability and Reactivity**

Normally stable as defined in NFPA704-12(4-3-1)

**Avoid:** Exposure to heat, flame and incompatibles such as strong acids and alkaline materials.

**Decomposition Products:** May include oxides of carbon.

**Hazardous Polymerization:** Will not occur.

**SECTION XI.****Toxicological Information**

See Section 3 Hazards Identification Information.

Product: **TAC GEL****SECTION XII. Ecological Information**

Not determined.

**SECTION XIII. Disposal Considerations**

Dispose of according to local, state/provincial and federal requirements.

**SECTION XIV. Transport Information****U.S. DEPARTMENT OF TRANSPORTATION (DOT)**

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

Non-Regulated.

**CANADIAN TRANSPORTATION OF DANGEROUS GOODS (TDG)**

Non-Regulated.

**SECTION XV. Regulatory Information****U.S. FEDERAL REGULATIONS****OSHA Hazard Communication Standard 29 CFR 1910.1200**

This material is not a 'health hazard' or a 'physical hazard' as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910 - 1200 Hazard Communication Standard.

**SARA Title III: Section 311/312**

Does not meet any hazard category.

**SARA Title III: Section 313 and 40 CFR Part 372**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier. Notification requirement of 40 CFR Part 372. None required per SARA Title III: Section 313.

**TSCA Section 8 (b) Inventory.**

All reportable chemical substances are listed on the TSCA Inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.

**CANADIAN REGULATIONS****WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR) and the MSDS contains all the information required by the CPR. Not a controlled product.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)**

All reportable chemical substances are listed on the Domestic Substances List or otherwise comply with CEPA new substance notification requirements.

**NATIONAL POLLUTANT RELEASE INVENTORY (NPR)**

This product contains the following chemical (s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) Subsection: 16 (1) National Pollutant Release Inventory. None required.

Product: **TAC GEL****SECTION XVI.****Other Information**

AP (Non-Toxic) with Performance Certification: Products bearing the AP Certified Product Seal of the Art Materials Institute, Inc. ACMI, Which also includes conformance to a specific performance standard, are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by ACMI's Toxicological Advisory Board. These products are certified by ACMI to be labeled in accordance with the chronic hazard labeling standard, ASTM D-4734 and Federal law P>L> 100-0695. In addition, there is no physical hazard as defined within 29 CFR Part 1910-1200 (c). These products also meet the specific requirements of material, workmanship, working qualities and color described in the appropriate product standard issued by ACMI or other recognized standards organization.

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.