

**IDENTITY**Trade Name: *Pulpdent Tray Adhesive*

Code: DTA2

Chemical Description: Isopropyl alcohol preparation

Product Use: Dental laboratory material

**SECTION I***Pulpdent Corporation*

80 Oakland Street

Watertown, MA 02472 USA

*Phone Numbers:*

24 Hour Emergency: 1-800-535-5053

Customer Service: 1-800-343-4342/1-617-926-6666

Date prepared: September 1, 2008

**SECTION II - HAZARDOUS INGREDIENTS**

<i>Ingredients</i>	<i>CAS RN</i>	<i>PEL/TLV</i>	<i>UN NUMBER</i>
Isopropyl alcohol	67-63-0	400 ppm	UN 1219
DOT HAZARD CLASSIFICATION:	Class 3, PG II / Flammable liquid		
WHMIS CLASSIFICATION:	B-2, Flammable liquid		
NFPA HMIS RATING: HEALTH: 1	FLAMMABILITY: 3	REACTIVITY: 0	

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: 83.26°C

Specific Gravity: 0.7864

Vapor Pressure: 4.4

Vapor Density: 2.07

Evaporation Rate: 2.88

Odor Threshold: 23.4 ppm

Solubility in water: Partial

Appearance and Odor: Red viscous liquid; alcohol odor

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point: 12°C

Flammable limits: LEL 2.0 UEL 12.7

Extinguishing Media: Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturers' recommended techniques.

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products/Unusual Fire and Explosion Hazards: Burning may produce carbon monoxide and/or carbon dioxide.

**SECTION V - REACTIVITY DATA**

Stability: Stable

Conditions to avoid: Heat, sparks, open flames.

Incompatibility: Concentrated nitric and sulfuric acid; strong oxidizers; aldehydes; halogens; halogen compounds.

Hazardous Decomposition Products: Burning may produce carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

Conditions to avoid: None

**SECTION VI - HEALTH HAZARD DATA***Summary of Acute Hazards:* Minimal health hazard under normal conditions of anticipated use. However, large quantities and prolonged exposure may present more significant health hazards.

<i>Route of Exposure</i>	<i>Signs &amp; Symptoms</i>
Inhalation	Low concentrations may cause mild irritation of eyes, nose, and throat. Concentrations above the TLV, may result in headache / drowsiness.
Eye Contact	Causes slight to moderate irritation, possible corneal injury.
Skin Absorption	Isopropyl alcohol is slightly toxic. Prolonged exposure to large areas of skin may elicit symptoms similar to inhalation or ingestion.
Skin Contact	Prolonged contact may cause drying and cracking of skin.
Ingestion	Slightly toxic. Ingestion of large quantities may cause drowsiness, loss of consciousness, stomach cramps, pain, nausea, vomiting and diarrhea.

*Summary of Chronic Hazards:* None known.

*Carcinogenicity* Not considered a carcinogen.

*Teratogenicity, Mutagenicity, Reproductive Toxicity, Special Health Effects:* None known.

*Emergency First Aid Procedures:*

*Note to physicians: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical situation.*

Inhalation	Remove to fresh air. If breathing stops, give artificial respiration; if breathing is difficult, give oxygen. Emergency medical care may be indicated.
Eye contact	Flush eyes immediately with running water for 15+ minutes. Consult a physician if irritation persists.
Ingestion	Give two glasses of water to dilute. Contact a physician or Poison Control Center. Induce vomiting only on their advice.
Skin contact	Remove contaminated clothing and flush skin with water.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

*Handling and Storage Precautions:* Store tightly capped at cool room temperature, away from heat, sparks, open flame, direct sunlight and any other source of ignition. Use with adequate ventilation.

*Release or Spill:* Eliminate all sources of ignition. Wear gloves and safety glasses. Absorb/wipe up spill with paper towels, rinse towels in running water and place water-saturated towels in covered container, away from heat and ignition sources, for disposal. Clean area with fresh alcohol; flush with water.

*Waste Disposal Method:* Follow all government regulations.

*Other Precautions:* Wash hands after use. Wash contaminated safety equipment before re-use.

**SECTION VIII - CONTROL MEASURES**

*Respiratory Protection:* Not necessary under normal conditions of use of this product.

*Ventilation:* No special ventilation required under normal conditions of use. Local ventilation is needed where vapor concentration above the TLV is expected.

*Protective Gloves:* Recommended

*Eye Protection:* Safety glasses are recommended.

*Other Protective Clothing or Equipment:* Emergency eye wash fountain should be close by and maintained.

*Work/Hygienic Practices:* Wash hands after use.

---

*The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Pulpdent Corporation bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.*