

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

1.1 Product Trade Name: TRAY ADHESIVE
1.2 Part (Item) Number(s): Various
1.3 Manufacturer: DENTAL TECHNOLOGIES, INC.
1.4 Address: 6901 N. HAMLIN AVENUE
City, State, Zip: LINCOLNWOOD, IL 60712 U.S.A.
1.5 Emergency Telephone Number: (800) 424-9300 / (703) 527-3887 Chemtrec
1.6 Information Telephone Number: (800) 835-0885 / (847) 677-5500
1.7 Date Revised: 03-Jan-03

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS
Toluene	[109-88-3]	100 ppm	50 ppm	
Isopropyl Alcohol	[67-63-0]	400 ppm	200 ppm	

Warning: This product contains toluene which is known by the State of California to cause cancer, birth defects and/or other reproductive harm.

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point: N/A
3.2 Vapor pressure: N/A
3.3 Vapor density: > 1
3.4 Solubility in water: Slightly soluble.
3.5 Appearance and odor: Blue or colorless liquid characteristic resin odor.
3.6 Specific Gravity: (H₂O = 1) 0.86
3.7 Melting Point: N/A
3.8 Evaporation rate: (Butyl Acetate = 1) N/A

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash point (method used): 75 F / 24C
4.2 Flammability (explosive limits):
LEL: N/A **UEL:** N/A
4.3 Extinguishing media: Carbon dioxide, dry chemical or appropriate foam.
4.4 Special Fire Fighting Procedures: Wear full protective equipment including self-contained breathing apparatus, use water only as blanket. Water may spread fire (product floats on water).
4.5 Unusual fire and explosion hazards: May produce hazardous fumes.

SECTION V - Reactivity Data

5.1 Stability: **Unstable:** **Stable:** X
5.2 Conditions to avoid (stability): Product is stable under normal conditions.
5.3 Incompatibility (material(s) to avoid): Oxidizers.
5.4 Hazardous decompositions or byproducts: Toxic fumes of carbon monoxide, carbon dioxide.
5.5 Hazardous polymerization: **May occur:** **Will not occur:** X

SECTION VI - Health Hazard Data

6.1 Route(s) of entry:	Inhalation?: Yes Ingestion?: Yes	Skin?: Yes
6.2 Health hazards (acute and chronic):	Skin contact: Prolonged or repeated exposure may cause skin irritation, defatting or dermatitis. Eye Contact: May cause severe eye irritation, redness, tearing or blurred vision. Inhalation: Excessive inhalation can cause respiratory irritation, dizziness, nausea. Chronic overexposure may cause liver, kidney or brain damage.	
6.3 Carcinogenicity:	NTP?: N/A OSHA Regulated?:	IARC monographs?: N/A N/A
6.4 Signs and symptoms of exposure:	See health hazards.	
6.5 Medical conditions generally aggravated by exposure:	Not known.	
6.6 Emergency first aid procedures:	Skin: Wash exposed areas thoroughly with soap and water. Remove contaminated clothing. Ingestion: Do not induce vomiting. Give large quantities of water or milk. Call physician. Inhalation: Move to fresh air. If breathing is labored, administer oxygen. Eye Contact: Flush with plenty of water for at least 15 minutes. Call a physician.	

SECTION VII - Precautions for Safe Handling and Use

7.1 Steps to be taken in case material is released or spilled:	Remove ignition sources. Add dry absorbent material to absorb spill. (If large spill, dike to contain). Using recommended protective and explosion proof equipment, pick up and containerize for recovery or disposal. Flush area with water. Collect for disposal.
7.2 Waste disposal methods:	Dispose of in a licensed hazardous waste facility in accordance with applicable laws.
7.3 Precautions to be taken in handling and storage:	Do not store or handle product in presence of heat, sparks or open flame.
7.4 Other precautions:	Do not get in eyes, skin or clothing. Wash thoroughly after handling. Keep tightly closed.

SECTION VIII - Control Measures

8.1 Respiratory protection:	Respirator with organic vapor cartridge. N/A with local exhaust.
8.2 Ventilation:	Local exhaust required.
8.3 Protective gloves:	Rubber or plastic.
8.4 Eye protection:	Safety glasses with sideshield.
8.5 Other protective clothing or equipment:	N/A
8.6 Work/Hygienic practices:	Wash hands thoroughly after handling.

Transportation Information

Proper Shipping Name: Flammable Liquids, N.O.S.

UN/NA: UN1993

Dot Hazard Class: 3

Dot Hazardous Materials:

Flammable: Isopropyl Alcohol (67-63-0)

Flammable: Toluene (108-88-3)

Packaging Group: III

NFPA HAZARD CLASSIFICATIONS	
Health	2
Flammability	3
Reactivity	0
Specific Hazard	N/A

NFPA - National Fire Protection Association
N/A - Not Applicable
N/E - Not Established