

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

1.1 Product Trade Name:	ORANGE SOLVENT
1.2 Part (Item) Number(s):	749-000; 749-001
1.3 Manufacturer:	DENTAL TECHNOLOGIES, INC.
1.4 Address:	6901 N. HAMLIN AVENUE
City, State, Zip:	LINCOLNWOOD, IL 60712
1.5 Emergency Telephone Number:	(800) 424-9300 (Chemtrec)
1.6 Information Telephone Number:	(800) 835-0885 / (847) 677-5500
1.7 Date Revised:	14/02/2003

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS
Contains no hazardous components.				
Chemical name and synonyms:	Mineral oil			
Chemical family:	Organic mixtures			
Formula:	Mixture			

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point:	360
3.2 Vapor pressure:	<1mm
3.3 Vapor density:	>1
3.4 Solubility in water:	Insoluble.
3.5 Appearance and odor:	Transparent water-white to light yellow liquid with orange othor.
3.6 Specific Gravity: (H ₂ O = 1)	0.84
3.7 Melting Point:	N/A
3.8 Evaporation rate: (Butyl Acetate = 1)	<1

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash point (method used):	N/A
4.2 Flammability (explosive limits):	N/A
	LEL: N/A UEL: N/A
4.3 Extinguishing media:	Foam, dry chemichal, carbon dioxide.
4.4 Special Fire Fighting Procedures:	Water may be ineffective but can be used to cool containers exposed to heat or flame. Self-contained breathing apparatus recommended for fire fighters.
4.5 Unusual fire and explosion hazards:	Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, may be generated.

SECTION V - Reactivity Data

5.1 Stability:	Unstable:	Stable:	X
5.2 Conditions to avoid (stability):	None.		
5.3 Incompatibility (material(s) to avoid):	Avoid contact with oxidizing agents.		
5.4 Hazardous decompositions or byproducts:	N/A		
5.5 Hazardous polymerization:	May occur:	Will not occur:	X

SECTION VI - Health Hazard Data

6.1 Route(s) of entry:	Inhalation?: Yes	Skin?: Yes
	Ingestion?: Yes	
6.2 Health hazards (acute and chronic):	Harmful if swallowed. Ingestion may cause vomitting. May cause eye irritation upon prolonged or repeated contact or exosure.	

6.3 Carcinogenicity: **NTP?:** N/A **IARC monographs?:** N/A
OSHA Regulated?: N/A
This product does not contain any substance that are considered to be "suspected" carcinogen.
Product may be irritating to eyes, nose and throat.

6.4 Signs and symptoms of exposure:

6.5 Medical conditions generally aggravated by exposure: Person with pre-existing allergies or skin conditions.

6.6 Emergency first aid procedures: **Skin:** N/A
Ingestion: N/A
Inhalation: If breathing is difficult or dizziness occurs upon inhalation, administer oxygen.
Eye Contact: Immediately flush eyes with large amount of water. Continue flushing until irritation subsides.

SECTION VII - Precautions for Safe Handling and Use

7.1 Steps to be taken in case material is released or spilled: Flush spilled material into suitable retaining container with large amount of water. Keep sources of ignition and hot metal surfaces isolated from the spill.

7.2 Waste disposal methods: Dispose of according to applicable local, state and federal regulations.

7.3 Precautions to be taken in handling and storage: Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame. This product is not classified as hazardous under DOT regulations.

7.4 Other precautions: N/A

SECTION VIII - Control Measures

8.1 Respiratory protection: Is not required under conditions of normal use.

8.2 Ventilation: **Local Exhaust:** Recommended.
Mechanical: General A/C recommended.

8.3 Protective gloves: Oil resistant gloves.

8.4 Eye protection: Oil resistant goggles.

8.5 Other protective clothing or equipment: Emergency eye wash and shower stations.

8.6 Work/Hygienic practices: Normal safe practices, use only in a highly professional manner.

NEPA HAZARD CLASSIFICATIONS	
Health	1
Flammability	3
Reactivity	0
Specific Hazard	N/A

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