

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:** 2/14/2000

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:** (H₂O = 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.	
6.4 Signs and symptoms of exposure:	Product may be irritating to eyes, nose and throat.	
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