

# 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.				
<b>Chemical name and synonyms:</b>	Mineral oil			
<b>Chemical family:</b>	Organic mixtures			
<b>Formula:</b>	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<sub>2</sub>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 <b>Stability:</b>	<b>Unstable:</b>	<b>Stable:</b>	X
5.2 <b>Conditions to avoid (stability):</b>	None.		
5.3 <b>Incompatibility (material(s) to avoid):</b>	Avoid contact with oxidizing agents.		
5.4 <b>Hazardous decompositions or byproducts:</b>	N/A		
5.5 <b>Hazardous polymerization:</b>	<b>May occur:</b>	<b>Will not occur:</b>	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:  
6.6 Emergency first aid procedures: Person with pre-existing allergies or skin conditions.  
**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**