

# MATERIAL SAFETY DATA SHEET

## SECTION I - Product/ Company Identification

1.1 Product Trade Name: **PORCELAIN CONDITIONER**  
1.2 Part (Item) Number(s): 542-0100-001, 542-0101-001  
1.3 Division Name: 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: 02/05/2014 MSDS-042 Rev 004

## SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components:	Concentration	CAS NO.	OSHA PEL	ACGIH TLV	Risk Statement
Isopropanol	>80 %	[67-63-0]	400 ppm	400 ppm	R10
Silane	< 20 %	[2530-85-0]	200 ppm	200 ppm	

## SECTION III - Hazards Identification

Ingestion: May be harmful if ingested in sufficient quantities.  
Skin: Prolonged or repeated skin contact may cause drying, cracking or irritation.  
Eyes: Vapor and mist may cause irritation.  
Inhalation: High vapor or mist concentrations may cause drowsiness and irritation of the respiratory tract.

## SECTION IV - First Aid Measures

Skin: Wash off with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. If irritation persists consult a physician.  
Ingestion: Seek medical advice immediately.  
Eyes: Immediately flush with plenty of water for at least fifteen minutes. Seek medical attention by an Ophthalmologist.  
Inhalation: Remove from exposure. Give artificial respiration if not breathing.

## SECTION V - Fire-fighting Measures.

Suitable extinguishing Media: Chemical Foam, Carbon Dioxide, or Dry Chemical, water spray.  
Forbidden extinguishing Media: Unknown  
Special Exposure Hazards: None. Wear self contained breathing equipment  
Unusual fire and explosion hazards: Flammable liquid and vapor. Vapors may travel to source of ignition and flashback. Vapors may settle in low or confined spaces.  
Fire fighting Protection Equipment: Wear self-contained breathing apparatus and protective clothing.

## SECTION VI - Accidental release measures

Personal Precautions: See sections VII and VIII  
Environmental Precautions: Do not dump in sewer the spilled material.  
Methods for Cleaning up: Contain spilled liquid with vermiculite or sand and place in chemical waste container. Prevent runoff from entering drains, sewers and streams.

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**SECTION VII - Handling and Storage**

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Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation.  
Wash thoroughly after handling.

Storage: Store at ambient room temperature, in a dry well-ventilated place. Keep away from sources of heat and ignition. Do not freeze.

Containers: Do not re-use containers.

Incompatibilities: Peroxides and Oxidizing Agents.

Other Precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

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**SECTION VIII - Exposure Controls / Personal Protection.**

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General Measures: Use with adequate ventilation. If product is used in confined space or at above ambient temperature use of local exhaust ventilation is recommended.

Limits: TWA: 400 PPM; STEL 500 PPM

Respiratory protection: Avoid prolonged breathing of vapors. If airborne particles are not controlled below exposure limits, respirator must be worn. Respirator Type: Mist, organic vapor.

Hands Protection: For operations where prolonged or repeated contact may occur use chemically impervious Gloves

Eye Protection: Safety Glasses or Goggles with side shields recommended

Skin Protection: Clothing should be sufficient to minimize physical contact and avoid exposure.

Other Equipment: Lab Coat.

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**SECTION IX - Physical and Chemical Properties.**

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Appearance:	Clear colorless liquid	Explosion Limits:	Not Determined
		Flash Point: (Close Cup)	13 °C
Odor	Rubbing alcohol odor	Water solubility:	Soluble
Vapor Pressure	33 mm Hg @20 °C	Specific Gravity	0.8
Boiling Point:	82 °C	Evaporation Rate: (Butyl acetate = 1)	1.8

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**SECTION X - Stability and Reactivity.**

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Stability: Stable in normal storage conditions

Conditions to avoid: Temperatures over 27 °C and contamination

Materials to avoid: Strong Oxidizing Agents

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide

Hazardous Polymerization Products: Will not occur

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**SECTION XI - Toxicological Information.**

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Ingestion: May be harmful if ingested in sufficient amount. May cause dizziness, drowsiness, vomiting, nausea, lack of coordination.

Eye contact: May cause irritation, pain, eye burns or permanent eye damage.

Skin Contact: Prolonged or repeated skin contact may cause drying, cracking or irritation

Inhalation: High concentration may cause drowsiness and irritation

Prolonged exposure: Prolonged or repeated skin contact may cause drying, cracking or irritation

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**SECTION XII - Ecological Information.**

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Avoid releasing the product into environment.

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**SECTION XIII - Disposal Considerations.**

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Incinerate or dispose according to local regulations.

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**SECTION XIV - Transport Information.**

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Substances determining Hazard: Flammable Liquid, n.o.s.  
Domestic (Land, D.O.T.) International (Water, I.M.O.)  
Hazard Class: 3 Hazard Class: 3.1  
UN/NA: UN1993 UN/NA: UN 1993  
Packing Group: III Packing Group: III

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**SECTION XV - Regulatory Information**

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**CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES.**

Hazard Classification Code:	Xi, F	
Risk Phrases	R10	Flammable
	R22	Harmful if swallowed
Safety Phrases	S16	Keep away from sources of ignition
	S23	Do not breathe fumes
	S24/25	Avoid contact with skin and eyes
	S26/28	If contact with eyes and skin, wash with plenty of water
Ingredients Determining the label:		Isopropanol

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**SECTION XVI - Other Information**

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None.

**CAUTION: PRODUCT FOR PROFESSIONAL USE ONLY.**

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.
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