

# PROCO-SOL NON-STAINING ROOT CANAL CEMENT

## Material Safety Data Sheet

### SECTION I

Manufacturer: StarDental®  
1816 Colonial Village Lane  
Lancaster, PA 17601-5891

Emergency Phone #: 717-291-1161  
Information Phone #: 1-866-DTE-INFO  
Date Prepared: 2/05/07

**Note:** This product is packaged in two parts: a powder and a liquid. This M.S.D.S. will cover both of these components and will label them (P) for powder and (L) for liquid herein.

### SECTION II: HAZARD INGREDIENTS AND IDENTITY INFORMATION

Chemical Name.....N/A Chemical Family .....N/A Formula.....S Chem 236/R Chem 141

**Note:** There are no ingredients which are subject to Section 313 of SARA Title III.

Chemical & Common Name(s)	CAS#	TLV	Vapor Pressure @ 20° F	LEL	UEL	Flash Point (° F)
Zinc Oxide (P)	1314-13-2	10 mg./Cu.M.	N/A	N/E	N/E	N/E
Sodium Borate (P), non-hazardous	1330-43-4	5 mg./Cu.M.	N/A	N/E	N/E	N/E
Ingredients (P)	N/A	N/A	N/A	N/A	N/A	N/A
Eugenol (L)	97-53-0	N/E	N/E	N/E	N/E	252 (cc)

### SECTION III: PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point (° C) ..... (P) N/E, (L) 254° C Vapor Density (Air=1)..... (P) N/A, (L) >Air  
Specific Gravity (H<sub>2</sub>O=1)..... (P) N/E, (L) 1.07 Evaporation Rate (Butyl Acetate=1) ..... N/E  
Vapor Pressure (mm Hg.) ..... (P) N/A, (L) N/E Solubility in Water ..... (P) Neg. 1, (L) Insoluble  
Percent Volatile by Weight (%) ..... N/E Appearance and Odor  
pH ..... N/E Powder..... White, slightly granular  
Melting Point..... Not Determined Liquid..... Clear, pale straw color, oily, darkens with age  
Slightly sweet odor

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point..... (P) Not Determined, (L) Not Determined  
Flammable Limits ..... N/E  
LEL..... N/E  
UEL..... N/E  
Extinguishing Media ..... CO, dry chemical or foam  
Special Fire Fighting Procedure..... Self-contained breathing apparatus should be worn  
Unusual Fire/Explosion Hazards ..... N/E

### SECTION V: REACTIVITY DATA

Stability..... Stable  
Incompatibility ..... (P) Aluminum powder, phosphorous & Zirconium, (L) Strong oxidizing agents  
Conditions to Avoid.....  
(L) Avoid any heat, open flames or other high temp. source.  
Hazardous Decomposition or By-products .....  
(P) Toxic Sodium Oxide, (L) CO and CO<sub>2</sub>  
Hazardous Polymerization ..... Will Not Occur

### SECTION VI: HEALTH HAZARD DATA

Routes of Entry  
Inhalation ..... Yes  
Skin ..... Yes  
Ingestion ..... Yes  
Health Hazards: Acute-May Cause Mucous Membrane Irritation  
Chronic-Repeated or Prolonged Contact May Cause Dermatitis, Bronchitis and/or Laryngitis  
Carcinogenicity  
National Toxicology Program..... No  
I.A.R.C. Monographs..... No  
O.S.H.A. Regulated..... No  
Signs and Symptoms of Exposure  
Eye Contact..... (P) None, (L) Causes irritation

Skin Contact ..... (P) Possible sensitization  
(L) Causes irritation and possible dermatitis  
Inhalation..... None  
Ingestion ..... None known  
Medical Conditions Generally Aggravated by Exposure.....  
Liquid May Irritate Eyes and Skin or Cause Allergic Skin Reactions in Susceptible Individuals.  
Emergency and First Aid Procedures  
INHALATION ..... Remove to fresh air  
EYES..... Flush with water for at least 15 minutes  
SKIN ..... Wash with soap and water  
INGESTION ..... Call a physician, do not induce vomiting.

### SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken if Released or Spilled..... Use proper protective equipment. Mop, sweep or soak up immediately. Powder: Avoid Dusting.  
Waste Disposal Method ..... Dispose of in accordance with all local, state and federal regulations  
Precautions to be Taken in Handling/Storing .....  
Liquid: Store in a tightly sealed container in a cool and dry area.  
Powder: Store at room temperature away from direct sunlight.  
Other Precautions.....None  
Suggested H.M.I.S. Rating .....0-0-0-B

### SECTION VIII: CONTROL MEASURES

Respiratory Protection.....Adequate Room Ventilation  
Ventilation .....Adequate Room Ventilation  
Protective Gloves ..... Recommended  
Eye Protection ..... Safety glasses  
Other Protective Clothing/Equipment..... None required  
Work/Hygenic Practices..... Protective Gloves Recommended

*The information herein is given in good faith, but no warranty, expressed or implied, is made.*



For new products, manuals and technical information, call 1-866-DTE-INFO or visit our web site @ [www.dentalez.com](http://www.dentalez.com).

**StarDental**®  
A DentalEZ Group Brand

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