

SECTION 1 IDENTIFICATION

Product Name: Proco-Sol Non-Staining
Root Canal Cement

Part Number: 206323

Manufacturer: StarDental®
1816 Colonial Village Lane
Lancaster, PA 17601
717-291-1161, Fax 717-291-3249

Product Information: 1-866-DTE-INFO (1-866-383-4636)

Emergency Response: FOR CHEMICAL EMERGENCY
Spill, Leak, Fire Exposure or Accident

Call INFOTRAC - 24 Hour Number: 1-800-535-5053

Outside of the United States Call 24 Hour Number: 001-352-323-3500

Note: This product is packaged in two parts: a powder and a liquid.
This Safety Data Sheet will cover both of these components; criteria
pertaining to only one will be labeled (P) for powder and (L) for liquid.

SECTION 2 HAZARD(S) IDENTIFICATION

Classification: Hazardous

Suggested H.M.I.S. Rating 1-0-0-B

Potential Routes of Entry

Inhalation Yes

Skin Yes

Ingestion Yes

Health Hazards (Chronic Effects):

Repeated or prolonged contact may cause:

(P)(L) Dermatitis, (P) Bronchitis and/or (P) Laryngitis

Health Hazards (Acute)

(P) May cause mucous membrane irritation

Carcinogenicity

National Toxicology Program No

I.A.R.C. Monographs No

O.S.H.A. Regulated No

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

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

Chemical & Common Name(s)	CAS#	OSHA PEL	ACGIH TWA
Zinc Oxide (P)	1314-13-2	5 mg/m ³ , Respirable Fraction; 15 mg/m ³ Total Dust	2 mg/m ³ , Respirable Fraction
Sodium Borate (P), non-hazardous	1330-43-4	10 mg/m ³	5 mg/m ³
Barium Sulfate (P)	7727-43-7	10 mg/m ³	N/E
Bismuth Subcarbonate (P)	5892-10-4	N/E	N/E
Hydrogenated Rosin (P)	65997-06-0	N/E	N/E
Eugenol (L)	97-53-0	N/E	N/E

SECTION 4 FIRST AID MEASURES

Eyes Flush with copious amounts of water for at least 15 minutes.

Ingestion Contact a physician immediately, do not induce vomiting.

Inhalation If inhaled, move to fresh air.

Skin Wash skin with soap and water. Wash clothing before reuse.

Signs and Symptoms of Exposure:

Eyes (P) None, (L) Causes irritation

Ingestion None known

Inhalation None

Skin Contact (P) Possible sensation

..... (L) Irritation and possible dermatitis

Skin Absorption No acute effects known.

Medical Conditions Generally

Aggravated by Exposure (L) N/A

..... (P) Allergic skin reactions in
susceptible individuals

SECTION 5 FIRE FIGHTING MEASURES

Extinguisher Media -

(P) Water Spray, Dry Chemical, Foam or Carbon Dioxide

(L) Dry Chemical, Foam or Carbon Dioxide

Special Fire Fighting Procedures -

(P)(L) Firefighters should wear self-contained breathing apparatus

(L) Cool containers exposed to flame with water

Unusual Fire/Explosion Hazards -

(P) None

(L) None - Material is not pyrophoric. Does not react with water, not oxygen donor, material is shock stable.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Use proper personal protective equipment as indicated in Section 8.

Spill and/or Leak Response -

(P) Sweep up any spilled material, avoid dusting.

(L) Small spills can be wiped up with a paper towel. For large spills, use non-flammable absorbent. Place contaminated items in a closed metal waste container.

SECTION 7 HANDLING AND STORAGE

Liquid -

Store in a tightly sealed container in a cool, dry area. Do not expose to temperatures above 35°C.

Powder -

Store material at room temperature away from direct sunlight.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection -

(P)(L) Adequate ventilation

(P) Keep particulates below permissible exposure limit.

Ventilation -

(P) None Determined

(L) Local exhaust recommended

Protective Gloves -

Recommended

Eye Protection -

Use OSHA approved safety glasses.

Work Practices -

Read instructions for use of product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance (P) Off white slightly granular powder

(L) Clear, pale, straw colored, oily liquid, darkens with age

Odor (P) not applicable; (L) Slightly sweet odor

Odor Threshold not applicable

pH not established

Melting Point (P) not established, (L) not applicable

Freezing Point (P) not applicable, (L) not established

Initial Boiling Point and Boiling Range (P) not applicable
(L) 254°C (489°F)

Flash Point (P) not established, (L) 252 closed cup

Evaporation Rate (Butyl Acetate=1) not established

Flammability (solid, gas) not established

Upper/Lower Flammability or Explosive Limits:

LEL/LEL not established

Vapor Pressure (mm Hg) (L) 0.009@ 20°C (100°F), (P) not established

Vapor Density (Air=1) (P) not established, (L) >air

Relative Density not established

Solubility(ies) (P) negligible, (L) insoluble in water

Partition Coefficient: n-octanol/water not established

Auto-ignition temperature not established

Decomposition Temperature not established

Viscosity (P) not applicable, (L) not established

Specific Gravity (H₂O=1) (P) not established, (L) 1.07

Percent Volatile by Weight (%) not established

SECTION 10 STABILITY AND REACTIVITY

Stability:

Stable

Incompatibility:

(P) Aluminum powder, Phosphorus and Zirconium

(L) Strong oxidizing agents

Conditions to Avoid:

(P) Conditions that generate dust

(L) Excessive heat

Hazardous Decomposition Products:

(P) May include toxic Sodium Oxide and Oxides of Carbon

(L) Forms of CO (Carbon Monoxide) and/or

CO₂ (Carbon Dioxide) upon burning

Hazardous Polymerization:

Will Not Occur

Chronic Effects:

Not Known

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Information not available

Skin Corrosion/Irritation: Information not available

Serious Eye Damage/Irritation: Information not available

Respiratory or Skin Sensitization: Information not available

Germ Cell Mutagenicity: Information not available

Carcinogenicity: Information not available

Reproductive Toxicity: Information not available

STOT - Single Exposure: Information not available

STOT - Repeated Exposure: Information not available

Ingestion: Information not available

Effects: Information not available

Listings: No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer.

SECTION 14 TRANSPORT INFORMATION

UN Number: Not regulated

UN Proper Shipping Name: Not regulated

Transport Hazard Class(es): Not regulated

Packing Group, if applicable: Not regulated

Environmental Hazards:

Marine Pollutant (Yes/No): Not regulated

Other(s): Not regulated

Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not regulated

Special Precautions: Not regulated

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic: The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

Terrestrial: Information not available.

See sections 6 for accidental release measures.

Persistence and Degradability: Information not available.

Bioaccumulative Potential: Information not available.

Mobility in Soil: Information not available.

Other Adverse Effects (such as hazardous to the ozone layer): Information not available.

SECTION 15 REGULATORY INFORMATION

OSHA Hazard Communication Standard:

Hazardous Chemical: Yes

TSCA Status: All components of this product are listed on the TSCA inventory.

SARA Status:

Section 311: Hazardous Chemical - Not Determined

Immediate - Not Determined

Delayed - Not Determined

Fire - Not Determined

Sudden Release - Not Determined

Reactive - Not Determined

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

California Proposition 65

This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm at levels which would require a warning under statute.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. The materials resulting from clean-up operations may be hazardous wastes and subject to specific regulations. Package, store, transport, and dispose of in accordance with all applicable local, state, and federal regulations.

SECTION 16 OTHER INFORMATION

Safety Data Sheet 62000 Rev H: Date of Preparation 02/02/2013

This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. The information herein is given in good faith but no warranty, either express or implied, is made.