

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

072804763

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

070375477 070375485 070375493 070375501 070375519 070375527 070375535 070375543 070375550 070375568  
071144831 071144849 071144856 071144864 071144872 071144880 071361542 071389949 071391267 071440981  
071440999 071441021 071441120 071441138 71144831 71144849 71144856 71144864 71144872 71144880

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

072804615 072804680 072804714 072804961 070375410 070857409 071068626 071068634 071117175 0711171830  
071117191 071117209 071117654 071117662 071117670 071166925 072798254 072798262 072798270 072798288  
072798296 072798304 072798312 072798320 072798338 072798346 072798353 072798361 072798379 072798387  
072798395 072798403 072798411 072798429 072798437 072798445 072798452 072798460 072798478 072798890  
072798908 072798916 072798924 072798932 072798940 072798957 072798965 072798973 072798981 072798999  
072799005 072799013 072799021 072799039 072799047 072799054 072799062 072799088 072799096 072799104  
072799112 072799120 072799138 072799146 072799161 072799179 072799187 072799195 072799203 072799211  
072799229 072799237 072799252 072799260 072799278 072799286 072799294 072799302 072799310 072799328  
072799336 072799344 072799351 072799369 072799377 072799385 072799393 072799401 072799419 072799427  
072799435 072799443 072799450 072799468 072799476 072799484 072799492 072801306 072801314 072801322  
072801330 072801348 072801355 072801363 072801371 072801389 072801397 072801405 072801413 072801421  
072801439 072801447 072801454 072801462 072801470 072801488 072801496 072801504 072801512 072801520  
072801538 072801546 072801553 072801561 072801579 072801587 072801629 072801637 072801645 072801652  
072801660 072801678 072801686 072801694 072801702 072801710 072801728 072801736 072801744 072801751  
072801769 072801777 072801785 072801793 072801801 072801819 072801827 072801835 072801843 072801850  
072801868 072801876 072801884 072801892 072801900 072802007 072802015 072802023 072802031 072802049  
072802056 072802064 072802072 072802080 072802098 072802106 072802114 072802122 072802155 072802163  
072802171 072802189 072802197 072802205 072802213 072802221 072802239 072802247 072802254 072802262

072802270 072802288 072802296 072802304 072802312 072802320 072802601 072802619 072802627 072802635  
072802643 072802650 072802700 072802718 072802726 072802734 072802742 072802759 072802809 072802825  
072802833 072802841 072802858 072802866 072804227 072804235 072804250 072804268 072804276 072804284  
072804292 072804300 072804318 072804326 072804334 072804342 072804359 072804367 072804375 072804383  
072804391 072804409 072804417 072804425 072804433 072804441 072804458 072804466 072804474 072804482  
072804490 072804508 072804516 072804524 072804532 072804540 072804557 072804565 072804573 072804581  
072804599 072804607 072804623 072804631 072804649 072804656 072804664 072804672 072804698 072804706  
072804722 072804730 072804748 072804755 072804771 072804789 072804797 072804805 072804813 072804821  
072804839 072804953 072804979 072804987 072804995 072805000 072805018 072805026 072805505 072805513  
072805521 072805539 072805547 072805554 072805562 072805570 072805588 072805596 072805604 072805612  
072805620 072805638 072805646 072805653 072805661 072805679 072805687 072805695 072805703 072805711  
072805729 072805745 075930250 075930276 075930284 075930292 075930300 075930318 075930326 075930334  
075930342 075930359 076018915 076018931 076018949 076018956 076018964 076018972

# DIADENT PAPER POINTS

## Root Canal Filling Material

# MATERIAL SAFETY DATA SHEET

## 1 IDENTIFICATION

**Manufactured For:** DiaDent Group Int'l. Inc.  
**Address:** 11- 3871 North Fraser Way  
**City, State, Zip:** Burnaby, BC, V5J 5G6  
**Telephone:** 604-451-8851  
**Emergency:** 1-877-342-3368  
**Date Prepared:** Aug 2, 2012

## 2 COMPOSITION INFORMATION

### Hazardous Ingredients

Paper Points contain no hazardous components as defined in the OSHA Hazard Communications Standard (20 CFR 1910.1200) in a form which presents a potential exposure when used according to directions.

## 3 PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/E  
**Specific Gravity (H<sub>2</sub>O = 1):** N/D  
**Vapor Pressure (mm Hg):** N/A  
**Evaporation Rate:** N/A  
**Melting Point:** N/A  
**Vapor Density (Air = 1):** N/A  
**Solubility in Water:** Insoluble  
**Reactivity in Water:** N/A  
**Appearance and Odor:** White uniformly conical shape, odourless

## 4 FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** N/A  
**Flammable Limits: LEL:** N/A **UEL:** N/A  
**Extinguishing Media:** N/A  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

## 5 REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Moisture  
**Incompatibility (Material to Avoid):** N/A  
**Hazardous Decomposition Products:** None known  
**Hazardous Polymerization:** Will not occur

## 6 HEALTH HAZARD DATA

**Routes of Entry:** Eye contact, skin contact.  
**Skin:** May cause irritation in sensitive individuals.  
**Eyes:** May cause mechanical irritation.  
**Inhalation:** Not likely to occur when used according to directions.  
**Ingestion:** Ingestion of small amounts of this material under normal circumstance would not cause serious harmful effects.  
**Carcinogenicity -** **NTP:** No  
**IARC Monographs:** No **OSHA** **Regulated**  
**Carcinogen:** No

## 7 EMERGENCY FIRST AID PROCEDURES

**Skin:** Wash with soap and water.

**Inhalation:** This product is considered safe, when used according to directions.

**Ingestions:** Ingestion of small amounts of this material under normal conditions would not cause serious harmful effects.

## 8 PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** None.

**Waste Disposal Method:** Dispose along with normal solid waste.

**Precautions to be taken in handling and storing:** Store in closed container on a cool, dry, ventilated area.

## 9 CONTROL MEASURES

**Respiratory Protection (Specify Type):** Not needed

**VENTILATION:** None

**Local Exhaust:** Not needed

**Mechanical (General):** Should be sufficient

**Protective Gloves:** Gloves

**Eye Protection:** Safety glasses

**Other Protective Clothing or Equipment:** N/A

**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

## 10 TRANSPORTATION INFORMATION

Not DOT regulated

## 11 SPECIAL INFORMATION

**Note:** This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communications Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.

**Material Safety Data Sheet**

Page 1 of 5

**1. Product & Company Identification****A. Product Name**

Paper Points

**B. Purpose of Use & Restrictions on Use**

Purpose of Use                      Drying root canals  
 Restrictions on Use                For dental professionals only

**C. Company Information**

Company Name                      DiaDent Group International  
 Address                                16 Osongsaengmyeong 4-ro, Osong-eup, Heungdeok-gu,  
    Cheongju-si, Chungcheongbuk-do, Republic of Korea  
    363-951  
 Emergency Contact Number      82-43-266-2315

**2. Hazard Identification****A. GHS Classification**

Serious Eye Damage/Eye Irritation: Category 2  
 Specific Target Organ Toxicity (Single Exposure): Category 3, Respiratory System

**B. GHS Label elements, including precautionary statements**

Pictograms



Signal Words

Caution

Hazard Statement(s)

H319 Causes severe eye irritation

Precautionary Statement(s)

Prevention

P264 Wash hands thoroughly after handling the product.  
 P280 Wear protective gloves/protective clothing/eye  
 protection/face protection.

Response

P304 + P340 IF INHALED: Remove victim to fresh air and keep  
 at rest in a position comfortable for breathing.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for  
 several minutes. Remove contact lenses, if present and easy  
 to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/physician if you feel  
 unwell.  
 P337 + P313 If eye irritation persists: Get medical  
 advice/attention.

|          |  |
|----------|--|
| Storage  | P403 + P233 Store in a well-ventilated place. Keep container tightly closed. |
| Disposal | P501 Dispose of contents/container according to the related regulations.     |

### **C. Other hazards (according to the NFPA Rating System)**

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 1 |
| Reactivity   | 0 |

### **3. Composition & Information on Ingredients**

| Chemical Identity | Common Name  | CAS No.    | % Volume |
|-------------------|--------------|------------|----------|
| PULP, CELLULOSE   | BETA-AMYLOSE | 65996-61-4 | 100      |

### **4. First Aid Measures**

|                               |  |
|-------------------------------|--|
| <b>A. Eyes</b>                | Get medical aid immediately if discomfort or irritation persists.  |
| <b>B. Skin</b>                | Consult a physician immediately if you feel discomfort.  |
| <b>C. Inhalation</b>          | Remove patient from exposure to fresh air immediately.<br>Administer approved oxygen supply if breathing is difficult and get medical aid immediately. |
| <b>D. Ingestion</b>           | Seek immediate medical help.   |
| <b>E. Notes to Physicians</b> | Have a comprehensive understanding on the chemical and treat symptomatically and supportively.   |

### **5. Firefighting Measures**

#### **A. Appropriate Extinguishing Media**

To extinguish a fire caused by or related to this chemical, use alcohol-resistant foam, Carbon Dioxide (CO<sub>2</sub>), or water spray. Use dry sand or soil to smother the fire.

#### **B. Specific hazard arising from the chemical**

Smoke (fumes) can be produced due to pyrolysis or combustion process.

#### **C. Special Protective Equipment & Precautions for Fire-fighters**

Fire-fighters should wear appropriate protective equipment. Stay a safe distance away from the fire while extinguishing. If not dangerous, remove the container from the fire. To dispose of fire water, pour it into a spacious dug lot and make sure it is not spilled or scattered outward.

## 6. Accidental Release Measures

### A. Protective Equipment & Emergency Procedures

Give special attention to chemical materials and conditions that must be avoided.

### B. Environmental Precautions

Prevent the inflow of this product to waterways, drains, basements, and confined spaces.

### C. Purification / Removal Method

Dispose of the product as medical waste.

## 7. Handling & Storage

### A. Safe handling

Follow all prevention measures on the MSDS/labels. Handle and store with care.

Give special attention to chemical materials and conditions that must be avoided.

Wear personal protective equipment while handling the product.

### B. Conditions for Safe Storage

Keep away from humidity.

## 8. Exposure control & Personal protection

**A. Exposure Limits for Chemical Substances & Biological Exposure Limits** N/A

**B. System Design (Proper Engineering Controls)** N/A

### C. Personal protective equipment

Respiratory protection N/A

Eye protection N/A

Hand protection N/A

Skin & body protection N/A

## 9. Physical & Chemical Properties

### A. Appearance

Physical state Solid (conical shape)

Color White

**B. Odor** N/A

**C. Odor threshold value** N/A

**D. pH** N/A

**E. Melting point/Freezing point** N/A

**F. Initial boiling point & Boiling range** N/A

**G. Flash point** N/A

**H. Evaporation rate** N/A

**I. Flammability (solid, gas)** N/A

**J. Maximum / minimum of the flammable or explosive limits** N/A

**K. Vapor pressure** N/A

**L. Solubility** N/A

**M. Vapor density** N/A

**N. Specific Gravity** 1.27-1.60

**O. Partition coefficient: n-Octanol/water** N/A

**P. Autoignition temperature** N/A

**Q. Decomposition temperature** 260-270 °C

**R. Viscosity** N/A

## 10. Stability & Reactivity

|   |   |
|---|---|
| <b>A. Chemical Stability &amp; Possibility of Hazardous Reactions</b> | N/A   |
| <b>B. Conditions to avoid</b>   | Moisture  |
| <b>C. Incompatible materials</b>                                      | Inflammable Materials & Reducing Materials                            |
| <b>D. Hazardous decomposition or byproduct</b>                        | Smoke (fumes) can be produced due to pyrolysis or combustion process. |

## 11. Toxicological Information

|   |  |
|---|--|
| <b>A. Possible Routes of Exposure</b>   | N/A  |
| <b>B. Information on Harmful Health Effects</b><br>(Symptoms related to the physical, chemical and toxicological characteristics) |  |
| Acute toxicity  |  |
| Oral  | N/A  |
| Dermal  | N/A  |
| Inhalation  | N/A  |
| Skin corrosion/Irritation   | N/A  |
| Serious Eyes damage/Irritation  | May cause irritation to the eyes               |
| Respiratory sensitization   | N/A  |
| Skin sensitization  | N/A  |
| Carcinogenicity   |  |
| Korean Industrial Safety and Health Act   | N/A  |
| Notification of the Ministry of Employment and Labor  | N/A  |
| IARC  | N/A  |
| OSHA  | N/A  |
| ACGIH   | N/A  |
| NTP   | N/A  |
| EU CLP  | N/A  |
| Germ cell mutagenicity  | N/A  |
| Reproductive Toxicity   | N/A  |
| Target Organ Toxicity (Single Exposure)   | Inhalation causes respiratory tract irritation |
| Target Organ Toxicity (Repeated Exposure)   | N/A  |
| Aspiration (Inadvertent Suction) Toxicity   | N/A  |

## 12. Ecological information

|   |     |
|---|-----|
| <b>A. Ecotoxicity</b>                     |     |
| Fish                                      | N/A |
| Shellfish                                 | N/A |
| Birds                                     | N/A |
| <b>B. Persistence &amp; Degradability</b> |     |
| Persistence                               | N/A |
| Degradability                             | N/A |
| <b>C. Bioaccumulative potential</b>       |     |
| Accumulation                              | N/A |
| Biodegradability                          | N/A |
| <b>D. Mobility in soil</b>                | N/A |
| <b>E. Other adverse effects</b>           | N/A |

### 13. Disposal Considerations

#### A. Product Disposal

If stated in the Wastes Control Act, dispose of the contents and container accordingly.

#### B. Precautions for Disposal

Dispose of the content according to the related regulations.

### 14. Transport Information

#### A. UN Number

Classification information on transportation of hazardous materials not available

#### B. Proper shipping name

N/A

#### C. Hazard class

N/A

#### D. Packing Group

N/A

#### E. Marine pollutant

N/A

**F. Any special precautions which an user should be aware of or needs to comply with, in connection with transport or conveyance either within or outside their premises (Special precautions which a user needs to be aware of or needs to comply outside their premises with in connection with transport or conveyance either within or outside their premises)**

Emergency procedures in case of fire

N/A

Emergency procedures in case of spill/leak

N/A

### 15. Regulatory Information

**A. Regulations according to the Korean Industrial Safety and Health Act / Industrial Safety and Health Act**

N/A

**B. Regulations according to the Toxic Chemicals Control Act**

N/A

**C. Regulations according to the Safety Control of Dangerous Substances Act**

N/A

**D. Regulations according to the Wastes Control Act**

N/A

**E. Other regulations according to domestic and foreign laws**

- Follow the regulations of the KFDA (Korea Food & Drug Administration).

- Follow the regulations of the Directive 93/42/EEC and 2007/42/EC.

### 16. Other Information ( Other information including information on preparation and revision of the SDS )

#### A. Source of Data

International Uniform Chemical Information Database (IUCLID)  
(<http://ecb.jrc.it/esis>) (Appearance)

Corporate Solution From Thomson Micromedex  
(<http://csi.micromedex.com>) (M. Specific Gravity)

#### B. Created date

06 / 18 / 2014

#### C. Revision Number & Revision Date

Version Number

0

Last revised date

06 / 18 / 2014

#### E. Other Information

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate and reliable. It is intended to describe the product according to various safety requirements; however, the manufacturer makes no warranty with respect to the accuracy and completeness of the information or the suitability of the recommendation and assumes no liability to any user thereof.