

Safety Data Sheet

1. PRODUCT AND MANUFACTURER INFORMATION

- A. Product Name Gutta Percha Points
- B. Recommended use of the product and restrictions on its use
- Recommend use of the product Filling root canals
 - Restrictions on use of the product **For Dental Professional Use Only**
- C. Supplier Information
(For imported goods, enter the information of the domestic supplier that can be contacted urgently)
- Name of Company DiaDent Group International
 - Address 16, Osongsaengmyeong 4-ro, Osong-Eup, Heungdeok-Gu, Cheongju-Si, Chungcheongbuk-Do, Republic of Korea
 - Emergency contact number 82-43-266-2315
- D. Importer Information
- Name of Company **DiaDent Group International Inc.**
 - Address **#380 - 8210 Ross Street
Vancouver, BC, Canada, V5X 0L1**
 - Emergency contact number **1-604-451-8851**
 - Email **diadent@diadent.com**

2. HAZARDS IDENTIFICATION

- A. Type of Hazard-Danger Serious Eye Damage/Eye Irritation : Category 2
Specific Target Organ Toxicity (Single Exposure): Category 3, Respiratory system
- B. Warning sign items including preventive action statements
- Pictorial symbol 
 - Signal words Caution(GHS07)

2. HAZARDS IDENTIFICATION

- Hazard Statement	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
Fire	1
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENT

Names of ingredients	Synonym	CAS No.	Content (%)
ZINC OXIDE	ZINC WHITE	1314-13-2	55~70
BaSO ₄	SULFURIC ACID, BARIUM SALT (1:1)	7727-43-7	8~12
Stearic Acid	-	67701-03-5	<3
Trans-1,4-polyisoprene	-	-	15~25
Others	-	-	Balance

4. FIRST AID MEASURES

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

5. FIRE FIGHTING MEASURES

A. Appropriate Extinguishing Media	To extinguish a fire caused by or related to this chemical, use alcohol-resistant foam, Carbon Dioxide(CO ₂), or water spray. Use dry sand or soil to smother the fire.
B. Specific hazards arising from chemicals	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. For disposal of fire extinguishing water, dig up and confine the water into the ditch so that it does not scatter. If not dangerous, remove the container from the fire.

6. ACIDENTAL 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 AND STORAGE

A. Safe handling and storage	Follow all prevention measures on the SDS/labels. Handle and store with care.
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7. HANDLING AND STORAGE

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 CONTROLS/PERSONAL PROTECTION

A. Exposure Limits for Chemical Substances & N/A

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

C. Personal protective equipments

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 Pink

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 and boiling point range N/A

G. Flash point N/A

H. Evaporation rate N/A

I. Flammability (solid, gas) N/A

9. PHYSICAL/CHEMICAL PROPERTIES

J. Upper / lower limit of ignition or explosion	N/A
K. Vapor pressure	N/A
L. Solubility	N/A
M. Vapor density	N/A
O. Specific gravity	2.7 g/cm ³
P. n-octanol / water partition coefficient	N/A
Q. Natural ignition temperature	N/A
R. Decomposition temperature	N/A
S. Viscosity	N/A
T. Molecular Weight	N/A

10. STABILITY AND REACTIVITY

A. Chemical Stability and Possibility of Hazardous Reaction	N/A
B. Conditions to avoid	Direct light, excessive heat, and moisture
C. Incompatible materials	Inflammable Materials & Reducing Materials
D. Hazardous decomposition or byproduct	Smoke (fumes) can be produced due to pyrolysis or combustion process.

11. TOXICOLOGICAL INFORMATION

A. Possible routes of exposure	N/A
B. Information on harmful health effects (Symptoms related to the physical, chemical and toxicological characteristics)	
Acute toxicity	N/A
Oral	N/A
Dermal	N/A
Inhalation	N/A
Skin corrosion/Irritation	N/A

11. TOXICOLOGICAL INFORMATION

Serious Eyes damage/Irritation	May cause irritation to the eyes
Respiratory sensitization	N/A
Skin sensitization	N/A
Carcinogenicity	N/A
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
Specific Target Organ Toxicity (Single Exposure)	Inhalation causes respiratory tract irritation
Specific Target Organ Toxicity (Repeated Exposure)	N/A
Aspiration Toxicity	N/A

12. ECOLOGICAL INFORMATION

A. Ecotoxicity	
Fish	N/A
Shellfish	N/A
Birds	N/A
B. Persistence & Degradability	
Persistence	N/A
Degradability	N/A
C. Bioaccumulative potential	
Accumulation	N/A

12. ECOLOGICAL INFORMATION

Biodegradability	N/A
D. Mobility in soil	N/A
E. Other adverse effects	N/A

13. DISPOSAL CONSIDERATION

A. Disposal methods	Dispose of contents and containers in accordance with the regulations, if specified in the Waste Management Act.
B. Precautions for Disposal	Dispose of the content according to the 'Medical Waste' regulations.

14. TRANSPORT INFORMATION

A. UN No. DOT, ADR, IMDG, IATA	Not a regulated substance.
B. Proper shipment name DOT, ADR, IMDG, IATA	Not a regulated substance.
C. Risk level in transportation DOT, ADR, IMDG, IATA	Not a regulated substance.
D. Container level DOT, ADR, IMDG, IATA	Not a regulated substance.
E. Marine pollutants	Not applicable.
F. Special safety measures required or required by the user to know regarding transport or means of transport	Protect from water, heat or light. Product is not classified as a dangerous good for transport

15. REGULATORY INFORMATION

- The product is a medical device according to the **Medical Device Regulation (MDR) (EU 2017/745)**
- This product is classified as a medical device under KFDA, FDA. **Health Canada**
- This product does not require classification as Dangerous Goods.

16. OTHER INFORMATION

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the

16. OTHER INFORMATION

meaning of guarantees on properties.

A. Date of initial preparation	Jun. 18, 2014
B. Number of revisions and date of final revision	
- Number of revisions	06
- Date of final revision	Nov. 20, 2025
C. Others	Not applicable.

○ **The information and recommendations are taken from sources (raw material SDS(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.**