

DiaPex Plus

Material Safety Data Sheet

1. PRODUCT AND MANUFACTURER INFORMATION

- A. Product Name DiaPex Plus
- B. Recommended use of the product and restrictions on its use
- Recommend use of the product Ointment type root canal filling material
- Restrictions on use of the product Use by specialists

C. Supplier Information

Manufacturer :

DiaDent Group International
16-gil Osong saengmyung 4-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do,
Republic of Korea 28161
Tel : + 82 43 266 2315

Importer :

Ivoclar Vivadent Ltd.
12 Omega St, Rosedale, Auckland
New Zealand
Tel : + 64 9 914 9999 / Fax : + 64 9 914 9990

Further information obtainable from :

Regulatory Affairs
sds@ivoclarvivadent.com

- **Emergency telephone number : 0800 764 766**
(National Poison Centre – 24 hours/7days)

2. HAZARDS IDENTIFICATION

- A. Type of Hazard/Danger The material is contraindicated if a person is known to be allergic to any of the ingredients of the product.

B. Warning sign items including preventive action statements

Pictorial symbol



Signal words

Warning(GHS07, GHS08)

3. COMPOSITION/INFORMATION ON INGREDIENT

Names of ingredients	Synonym	CAS No.	Content (%)
Iodoform	Triiodomethane	75-47-8	35-40
Calcium hydroxide		1305-62-0	20-30
Polydimethylsiloxane		63148-62-9	20-30

4. FIRST AID MEASURES

- A. When entered into eyes Seek medical attention.
- In case of contact with substance, immediately wash skin and eyes with running water for more than 20 minutes.
- B. When contacted with skin Wash the skin with soap and water.
- C. When inhaled Move to a place with fresh air. If you are not feeling well, consult a doctor.
- D. When consumed Rinse your mouth and get medical attention if you are not feeling well.
- E. Other medical precautions Have medical personnel perceive the material and take protective measures.

5. FIRE FIGHTING MEASURES

- A. A suitable (improper) extinguishing agent Water fog, Dry powder, foam
B. Specific hazards arising from chemicals Does not occur

6. ACCIDENTAL RELEASE MEASURES

Use an absorbent material to wipe clean.

7. HANDLING AND STORAGE

- Safe handling and storage Use for only professional personnel.
Use sanitary gloves and tools at the place of treatment.
Do not consume or inhale the product.
Store at 2~27°C/35~80°F
Avoid direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- A. Appropriate engineering management Use local exhaust or do other engineering management to control the air level below the exposure standard.
B. Personal protective equipments safety goggles and gloves

9. PHYSICAL/CHEMICAL PROPERTIES

- A. External
Composition Paste
Color Yellow
B. Odor mild odor
C. Odor Threshold No data
D. pH No data
E. Melting point / Freezing point No data
F. Initial boiling point and boiling point range No data
G. Flash point No data
H. Evaporation rate No data
I. Flammability (solid, gas) No data
J. Upper / lower limit of ignition or explosion No data
K. Vapor pressure No data
L. Solubility No data
M. Vaport density No data
N. Specific gravity 1.7~1.8
O. n-octanol / water partition coefficient No data
P. Natural ignition temperature No data
Q. Decomposition temperature No data
R. Viscosity No data
S. Molecular Weight No data

10. STABILITY AND REACTIVITY

- A. Chemical Stability and Possibility of Hazardous Reaction Not applicable
B. Conditions to avoid Avoid direct light or water exposure. If exposed to light, yellowing may occur.

11. TOXICOLOGICAL INFORMATION

Cytotoxicity	No significant clinical signs was observed(MTT)
Maximization Sensitization	No significant clinical signs was observed(Guinea pig)
Acute systemic toxicity	No significant clinical signs was observed(Mouse)
Pyrogen	No significant clinical signs was observed(rabbit)

12. ECOLOGICAL INFORMATION

No ecological problems to be anticipated if properly handled and used.

13. DISPOSAL CONSIDERATION

A. Disposal methods	Dispose of contents and containers in accordance with the regulations, if specified in the Waste Management Act. Discard the container (as specified in the applicable regulations).
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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

A. Regulations according to the 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 FDA.	
F. Safety, health and environmental regulations/legislation specific for the substance or mixture.	
- Classified as Hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC) approved criteria for the classifying hazardous substances [NOHSC : 1008] 3rd edition.	
- Standard for the Uniform Scheduling of Medicines and Poisons.	
- Carcinogen classification under WHS Regulation 2011, Schedule 10.	
- Notification status in accordance with section 3 and current national legislation.	
- HSNO Approva I: HSR003008, HSR006510, HSR006679	
- EPA NZ Classes of hazardous properties:	
Classification 6.1D (All) Substances that are acutely toxic	
Classification 6.3A Substances that are irritating to the skin	
Classification 6.4A Substances that are irritating to the eye	
Classification 9.1B (All) Substances that are very ecotoxic in the aquatic environment	
Classification 9.3B Substances that are ecotoxic to terrestrial vertebrates	
Classification 8.2C Substances that are corrosive to dermal tissue	
Classification 8.3A Substances that are corrosive to ocular tissue	
Classification 9.1D (All) Substances that are slightly harmful in the aquatic environment or are otherwise designed for biocidal action	

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 meaning of guarantees on properties.

A. Date of initial preparation	2018-03-19
B. Number of revisions and date of final revision	
Number of revisions	1
Date of final revision	2020-06-01

C. Others

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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.