DiaDent

Safety Data Sheet

1. PRODUCT AND MANUFACTURER INFORMATION

A. Product Name	DiaCemTempNE
Product type	Base-Paste Catalyst-Paste

B. Recommended use of the product and restrictions on its use

- Recommend use of the product	Dental cement
- 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/Irritation:Category 2B

B. Warning sign items including preventive action statements

- Pictorial symbol



2. HAZARDS IDENTIFICATION

- Signal words	Warning(GHS09)
- Hazard Statement	H410 very toxic to aquatic life with long lasting effects
- Precautionary statements	P273 Do not release to the environment.
- Disposal	P501 Dispose of contents container.

3. COMPOSITION/INFORMATION ON INGREDIENT

	Names of ingredients	Synonym	CAS No.	Content (%)
Base	Zinc oxide	Zinc oxide	1314-13-2	80~90
	Corn oil	Maize oil	8001-30-7	10~20
Catalyst	Rosin	Polymerized rosin	65997-05-9	45~55
	Caprylic acid	Octanoic acid	124-07-2	20~30
	2-ethoxybenzoic acid	-	134-11-2	20~30
	Glycerol	Glycerine	56-81-5	1~5
	Silica	-	68611-44-9	1~5

4. FIRST AID MEASURES

A. When entered into eyes	In case of contact with the material, immediately wash the affected area under running water for at least 20 minutes. Get medical attention immediately.
B. When contacted with skin	In case of contact with the material, immediately wash the affected area under running water for at least 20 minutes.
C. When inhaled	Remove to fresh air.
D. When consumed	Get medical attention immediately.
E. Other medical precautions	Make sure medical personnel are aware of the substance and take protective measures.

5. FIRE FIGHTING MEASURES

A. a suitable (improper) extinguishing agent	CO_2, Powder or water spray
B. specific hazards arising from chemicals	Does not occur.

6. ACIDENTAL 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℃/35~80℉

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

A. Appropriate engineering management	If dust, fumes or mists are generated, ventilate to keep air contamination below exposure limits.
B. Personal protective equipment	safety goggles and gloves

9. PHYSICAL/CHEMICAL PROPERTIES

A. External	
- Composition	Paste
- Color	Base_Milky white / Catalyst_Brown
B. Odor	No data
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

9. PHYSICAL/CHEMICAL PROPERTIES

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. Vapor density	No data
N. Specific gravity	No data
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 moisture contact.

11. TOXICOLOGICAL INFORMATION

A. Acute toxicity	No significant clinical signs was observed.(mice)
B. Oral mucosa irritation	No significant clinical signs was observed.(hamster)
C. Skin sensitization	No significant clinical signs was observed.(Guinea pig)
D. Reverse mutation	No significant clinical signs was observed.
E. Mammalian chromosomal aberration	No significant clinical signs was observed.
F. In vivo micronucleus	No significant clinical signs was observed.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATION

A. Disposal methods	Dispose of contents and container (in accordance with applicable 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. 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 meaning of guarantees on properties.

A. Date of initial preparation	Apr. 28, 2025
B. Number of revisions and date of final revision	
- Number of revisions	00
- Date of final revision	Apr. 28, 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.**