

1. Identification of the substance/preparation and of the company/undertaking

- Product name : ENDOPLUS
- Supplier : President Dental GmbH
- Office Address : Zehentstadelweg 7 81247 Munchen / GERMANY
- Tel : +49 89 127 660 240
- Fax / E-mail : +49 89 127 660 269 / info@presidentdental.de

2. Composition/information on ingredients

- Chemical characterization : Mixture of Epoxy resin, Amines , Calcium phosphate, Zirconium oxide, Ethylene glycol salicylate, Bismuth subcarbonate, Calcium oxide
- Description : Endoplus for root canal sealing consisting of Endoplus base and Endoplus catalyst

Information on hazardous ingredients

Chemical name	CAS No.	w/w %	EC Number	Symbol	R-Phrases
Epoxy resin	25036-25-3	<20		Xi	R36/37/38

3. Hazards identification

- Physical/chemical hazards : None
- Human health hazards : Not known to cause significant health problems. Considered a nuisance dust. Avoid inhalation and keep dust out of the eyes.
- Environmental hazards : None

4. First aids measures

- Inhalation : If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
- Ingestion : Do not induce vomiting. Material is chemically inert.
- Skin contact : In case of contact. Immediately wash skin with water and soap.
- Eye contact : If scratches or punctures occur, seek medical attention immediately.

5. Firefighting measures

Extinguishing media

- Suitable : Water, Foam, Carbon Dioxide, Dry Chemical
- Not suitable : N/A
- Special firefighting procedures : Self-contained breathing apparatus to prevent smoke inhalation.
- Unusable fire/explosion hazards : None
- Hazardous thermal (de) composition products : Burning may produce: Carbon Monoxide, Carbon Dioxide
- Protection of fire fighters : Use breathing apparatus (self-contained breathing apparatus with full face shield). Wear suitable protective clothing

6. Accidental release measures

- Personal precautions : Material is paste and if you mixed base and catalyst the hardened.
- Environmental precautions : None
- Methods for cleaning up : Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container. Avoid gross skin contact to minimize the possibility of contact dermatitis to susceptible persons.

7. Handling and storage

- Handling : Always wear gloves and eye protection. Keep container closed when not in use.
- Storage : Keep out of reach of children. Protect from exposure to direct sun light. Keep container closed. Store in cool place.

8. Exposure controls/personal protection

- Precautions for use : Wash hands before breaks and after work.
- Respiratory protection : None required during normal intended use of this product
- Skin and body : Wear suitable protective clothing.
- Hands : Wear suitable gloves.
- Eyes : With sufficient extraction or closed system; safety goggles.

9. Physical and chemical properties

- | | | | |
|----------------------------|----------------------|-----------------------------|-------------|
| - Physical state | : Paste | - Solubility in water | : Insoluble |
| - Color | : Slightly yellowish | - pH | : N/A |
| - Odor | : Odorless | - Flash point | : N/A |
| - Boiling point | : Decomposes | - Auto ignition temperature | : N/A |
| - Melting point | : N/A | - Lower explosion limit | : N/A |
| - Vapor pressure | : N/A | - Upper explosion limit | : N/A |
| - Specific gravity (H2O=1) | : 1.6 | - Viscosity | : N/A |

10. Stability and reactivity

- Stability : Stable
- Condition to avoid : Do not heat
- Materials to avoid : Not known
- Hazardous reactions : May not occur
- Hazardous decomposition products : CO

11. Toxicological information

- Acute toxicity : N/A
- Primary effects to skin : May mildly irritate skin
- Primary effects to eyes : May mildly irritate the eye
- Primary effects to respiratory system : Not an acute inhalation hazard
- Sensitization : N/A
- Additional toxicological info : N/A

12. Ecological information

- General information : N/A
- Classification of water endangerment : N/A

13. Disposal considerations

- Product: Not considered a RCRA hazardous waste as identified in Fed. Reg. 40CFR261. If this product cannot be used as directed by the label, contact the local Environmental Control Agency or Agent.

14. Transport information

- DOT shipping name : Same as product name - EmS number : N/A
- DOT hazard class : Non-regulated - MFGA number : N/A
- UN number : N/A - Air transport ICAO-Ti and : N/A
- Sea transport IMDG/GGV : N/A IATA-DGR class
- Sea class - UN number : N/A
- UN number : N/A

15. Regulatory information

- Hazard designation: Irritant
- Hazard symbols: Xi
- R-phrases: R36/37/38: Irritating to eyes, respiratory system and skin.
- S-phrases: S26-36: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.
- Other labeling: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep out of the reach of children.

- SARA 313 toxic Chemicals	Chemical name	CAS-No.	Weight %
	None		

- Canadian regulations require the inclusion of the following statements under "Regulatory Information"; "This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations."

16. Other information

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

Full text of the R-phases in section 2

R36/37/38: Irritating to eyes, respiratory system and skin.