Material Safety Data Sheet

1. Identification of the product :- Zinc Phosphate Cement, Powder
Main use of the product: mixed with Zinc Phosphate Cement liquid, it gives a luting cement for crowns, bridges and inlays.

2. Composition

Substance	**%**
Zinc Oxide	33 - 40
Magnesium oxide	10 - 15

3. Hazards identification
To man: irritating to eyes
To environment: given the quantities involved, the product presents no environmental danger

4. First aid measures
Inhalation: inhaling the dust can cause irritation
Skin contact: wash with plenty of water
Oral tissue contact: rinse with plenty of tepid water for at least 15 minutes
Eye contact: rinse with plenty of tepid water with the eyelid held wide open, consult an ophthalmologist
Ingestion: do not induce vomiting, consult medical advice
Other recommendations: never give anything by mouth to an unconscious person

5. Fire fighting measures
Suitable extinguishing media: extinguishing media in adoption to the materials stored in the neighbourhood
Extinguishing media not to be used: -
Special exposure hazards: -
Special protective equipment: material in large amounts: chemical protection clothing and self-contained breathing apparatus

6. Accidental release measures

Personal precaution: avoid eyes contact
Environmental precaution: none
Method for cleaning up: manual or mechanical

7. Handling and storage

Handling: no particular precaution is required
Storage: in well closed original container, avoid humidity

8. Exposure control / Personal protection

Precautionary measures to be taken during use: usual hygienic measures in dental practice
Respiratory protection: none
Hand protection: gloves recommended
Eye protection: protective goggles recommended
Skin protection: none
Oral tissues protection: none

9. Physical and chemical properties

Appearance: fine, heavy powder Solubility: n/a
Odour: odourless Insolubility: water
Colour: cream-white, yellow-white, yellow or light grey Density: -
pH: - Melting point: -
Flammability: n/a Boiling point: -
Other data:

10. Stability and reactivity

Stability: 5 years
Conditions to avoid: humidity
Materials to avoid: -
Hazardous decomposition products: -

11. Toxicological information

no health diseases are reported, may be irritant

12. Ecological information

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13. Appropriate method of disposal
according to local dispositions concerning medical devices.
N.B. Respect any national or regional provisions which may be in force.

14. Transport information
UN regulation: - Brussel's harmonized tariff Nr.: 3006.40

15. Regulatory information
CE0120

16. Other information
to be used in conjunction with specific liquid to make a luting cement

Authorised Signatory