

Material-Safety Data Sheet

(Directive 91/155/EEC)

1 Names of Material, Preparation and Company

Trade name: Unocal (LII000)

Manufacturer:

Manufacturer/supplier: Made for UnoDent Ltd. Tel: 01376 500582
Address: 10 Perry Way, Witham, Essex Fax: 01376 500581
CM8 3SX, UK
Information sector: Technical Department Tel: 01376 500582
Emergency information: Technical Department
Emergency e-mail: info@unodent.com

2 Composition/Details on Components

Preparation: Mixture of calcium hydroxide, zinc oxide, mineral oil, salicylic acid ester, barium sulfate
Description: Self-curing radiopaque calcium hydroxide paste-paste-system

Hazardous ingredients:

Name	CAS-No.	Content	Danger symbol	R-categories
Calcium hydroxide	1305-62-0	51 %	Xi	41

3 Possible Risks

Designation of risk: Xi, irritant
Special details of risk (R-categories): 41
Detrimental effects/symptoms: Causes serious damages of the eyes

4 First-Aid-Measures

General information

After inhalation: Fresh air, in case of indisposition or nausea contact a doctor
After skin contact: Rinse thoroughly with plenty of water
After eye contact: Rinse thoroughly with water, contact a doctor
After swallowing: Contact immediately a physician
Info. for the attending physician: Material for dental or laboratory use only

5 Fire Fighting Measures

Suitable fire extinguishing agents: Foam, carbon dioxide, powder fire extinguishers
Unsuitable fire extinguishing agents: Water
Particular hazards: None
Firefighting protective equipment: No data available

6 Measures in Case of Unintended Release

Measures related to persons: Avoid eye and/or skin contact

Environmental measures:	Do not let the material get in contact with sewerage systems
Procedures of cleaning/uptake:	Take up mechanically, use common absorbents
Additional information:	None

7. Handling and Storage

7.1 Handling:

Only by qualified staff in dental offices or dental laboratories

Instructions for safe handling:

See instructions for use

Instructions on fire and explosion protection:

No special measurements are required

7.2 Storage:

Tightly closed at room temperature

Demands on storerooms and containers:

Store in good ventilated rooms and areas

Indications and prohibitions of storage together with other materials:

Do not store together with food

Further details on storage conditions:

Keep out of the reach of children

8 Exposition Restriction and Personal Protective Equipment

8.1 Additional information on the equipment of technical facilities:

None

8.2 Components with limiting values related to place of work:

CAS-No.	Name	Kind	Value	Unit

Additional information: Hazards related to place of work are not known.

8.3 Personal protective equipment:

Breathing protection: Do not breathe/ inhale vapour or dust

Hand protection: Use of protective gloves is recommended

Eye protection: Use of protective glasses is recommended

Body protection: -

Protective and hygiene measures: Washing hands

9 Physical and Chemical Properties

9.1 Appearance: Paste/paste

Form: Pasty/pasty

Colour: White to yellowish (both)

Odour: Specific

9.2 Safety data: **tested acc. to:**

pH upon delivery: No data available

9.3 Further particulars: None

Conditions to be avoided:	Strong acid conditions
Materials to be avoided:	Strong acids and their salts
Hazardous products of decomposition:	None if used in the recommended way
Further particulars:	None

11.1 toxicological Test: No data available

LD50/LC50:	Component	Kind	Value	Species	Method of determination
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11.2 Practical experience: No data available
 Observations relevant to classifications: No data available
 Other observations: No data available

11.3 General remarks: During long-standing product application risks have not become known.

12. Ecological Data

12.1 Information on elimination: No data available

Procedure	Analytic method	Degree of elimination	Classification
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Evaluation: No data available

Additional information: No data available

12.2 Behaviour in environmental compartments: No data available

Mobility and bioaccumulation potential: No data available

Additional information: None

12.3 Environmental toxic effects: No data available

Aquatic toxicity: No data available

Organism	Test period	Test method	Result	Assessment
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Behaviour in sewage plants: No data available

Respiratory inhibition of local vitalised sludge: No data available

12.4 Additional information: None

CSB-value: No data available mg/g

BSB5-value: No data available mg/g

AOX-indication: No data available

Contains the following heavy metals and: None

compounds (corresponding to guideline 76/464/EWG) according to preparation formula.

General information: None

13 Disposal Instructions

13.1 Product

Recommendation: Obey local and governmental regulations

Waste category	Waste name	Accountability
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13.2 Uncleaned packing material: Obey local and governmental regulations

Recommendation: Obey local and governmental regulations

Cleaning agents: Common cleansing agents for the laboratory

14. Particulars on Transport

14.1 Land carriage

ADR/RID/GGVS/GGVE-class:	Figure/letter:	Material no.:
Warning label:	Risk no.:	
Designation of goods:		
Remarks:		

14.2 Inland transport by ship:

ADN/ADNR-class:	Figure/letter:	Category:
Designation of goods:		
Remarks:		

14.3 Sea transport

IMDG/GGV sea class:	UN-No.:	PG:
EMS:	MFAG:	
Marine pollutant:		
Correct technical name:		
Remarks:		

14.4 Air transport:

ICAO/IATA-class:	UN/ID-No.:	PG:
Correct technical name:		
Remarks:		

14.5 Further particulars: No hazardous goods within the meaning of transport regulations

15. Regulation

15.1 Marking:	Acc. to governmental regulations concerning declaration of dangerous chemicals no marking is prescribed
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Danger symbol and designation:	None
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Contains:

R-categories:	None
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S-categories:	None
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Special marking of particular preparations:	None
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15.2 National regulations:	Acc. to article 10 of Directive 66/379 EEC and 67/548 EEC
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Restrictions of employment:	None
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Instructions in case of interference:	None
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Classification acc. VbF:	Not applicable
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Technical instruction air:	Not applicable
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Water pollution class:	No data available
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Other regulations, restrictions and prohibitions:	Directive 91/155 EEC; medical product acc. to 93/42 EEC (medical products).
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16. Other Particulars

All information above has been given according to our present state of knowledge. It has been compiled to the best of our knowledge. The above -mentioned data do not represent a guarantee on characteristics. They only describe the safety requirements with regard to our products. They do not represent an assurance of product characteristics in the meaning of guarantees.