

MATERIAL SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: ReGlass-LC Light Curing Glass Ionomer Base Cavity Liner and Pulp Capping

Other Names: n/a

Recommended Use: Pulp capping and as a protective base/liner under dental filling materials, cements and other base materials

Company name: Safe Endo Dental India Pvt. Ltd.

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2 - HAZARDS IDENTIFICATION

Hazard Classification

Xi Irritant

Information concerning to particular hazards to man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 36 Irritating to eyes

R 43 May cause sensitization by skin contact

Classification system

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Additional information: Use only for intended scope of application

3 - COMPOSITION/INFORMATION ON INGREDIENTS

The paste contains the following dangerous substances:

Chemical name	Content	w/w %	CAS	EC no.	R-Phrases
Calcium Hydroxide			1305-62-0	215-13	
Zirconium Oxide			1314-23-4	215-227-2	
Photoinitiators and Paste forming agent					

4 - FIRST AID MEASURES

After inhalation : Supply fresh air and to be sure call for a doctor In case of unconscious plate patient stably in side position for transportation

After skin contact : Immediately wash with water and soap and rinse thoroughly

After eye contact : Rinse opened eye for several minutes under running water.

After swallowing : if symptoms persist consult doctor.

5 - *FIRE-FIGHTING MEASURES*

Suitable extinguishing agents : CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment : No Special measures required

6 - *ACCIDENTAL RELEASE MEASURES*

Person-related safety precautions : Not required.

Measures for environmental protection : No special measures required

Measures for cleaning/collecting : Pick up mechanically.

7 - *HANDLING AND STORAGE*

Handling

Information for safe handling : For dental use only

Information about fire - and explosion protection : No special measures required.

Storage Requirements to be met by storerooms and receptacles : No special requirements

Information about storage in one common storage facility : Not required.

Further information about storage conditions : See storage instruction on package.

8 - *EXPOSURE CONTROLS/PERSONAL PROTECTION*

Ingredients with limit values that requires monitoring at the workplace : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information : The lists valid during the making were used as basis.

Personal protective equipment General protective and hygienic Measures : Immediately remove all soiled and contaminated clothing wash hand before breaks and at the end of work.

Protection of hands: Protective gloves

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. • **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. •

Eye protection : Safety glasses

9 - *PHYSICAL AND CHEMICAL PROPERTIES*

General Information Form: Pasty

Colour: White

Odour: Characterstics

Change in condition Melting point/Melting range: undetermined

Boiling point/Boiling range: undetermined

Flash point: Not applicable

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density: Not determined

Solubility in / Miscibility with Water : No miscible or difficult to mix

pH-Value at 20 oC: 9

10 - STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided : No decomposition if used according to specifications.

Dangerous reactions No : No dangerous reactions known

Dangerous decomposition products : No dangerous decomposition products known

11 - TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:

on the skin : No Irritating effect.

on the eye : No Irritating effect.

Sensitization : sensitizing possible through skin contact

Additional Toxicological Information : The product shows the following dangers according to the calculations method of the General EU Irritant

Sensitisation : may cause sensitization by skin contact

12 - ECOLOGICAL INFORMATION

Additional ecological information:

General Notes : Water hazard class 1(German Regulations) (Self-assessment): slightly hazardous for water

13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:

Unusable waste of the product be disposed of as hazardous waste. Contaminated packages must be burnt in an incineration plant or handled by a company authorised for dangerous waste disposal.

14 TRANSPORT INFORMATION

DOT shipping name	Not-regulated
DOT hazard class	Not-regulated
UN number	N/A
Sea transport IMDG/GGV sea class	N/A
UN number	N/A
MFGA number	N/A
EmS number	N/A
Air transport ICAO-Ti and	N/A
IAT A-DGR class	Not-regulated

UN numberN/A

15 - REGULATORY INFORMATION**Labelling according to EU guidelines:**

The product has not been classified and marked in accordance with EU Directives / respective national laws.

Special labelling of certain preparations:

Safety data sheet available for professional user on request

16 - OTHER INFORMATION

The above information applies to customer packages unless stated otherwise, and fully expresses our current knowledge and experience. The product is assumed for use at worksites corresponding to its designation, and the instructions on the enclosed instruction sheet as well as the standard labour safety regulations for the handling of chemical products are assumed to be adhered to.