



# PREVEST DENPRO LIMITED

Reg. Office : 38, Industrial Estate, Digiana, Jammu-180010, India  
Unit II, EPIP, Bari Brahmana, Jammu-181133, India  
Phones : +91 1923 222774, 222779, Fax : 222779  
Web : [www.prevestdenpro.com](http://www.prevestdenpro.com), E-mail : [info@prevestdenpro.com](mailto:info@prevestdenpro.com)

## MATERIAL SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Cal LC - Light Cured Calcium Hydroxide Paste

**INTENDED USE:** Pulp capping and as a protective base/liner under dental filling materials, cements and other base materials

**Company Name:** Prevest Denpro Limited

**Address:** 38, Industrial Estate, Digiana, Jammu-180010 (India)

**Tel:** + 91-191-2430442

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**Emergency Contact No:-** +91-191-2432548

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical characterization

**Description:** Mixture of substances listed below with non hazardous additions.

<b>Dangerous components:</b>			
<b>CAS: 72869-86-4</b> <b>EINECS: 276-957-5</b>	<b>Urethanedimethacrylate</b>	<b>R 52/53</b>	<b>25-50%</b>
<b>CAS: 1305-62-0</b> <b>EINECS: 215-137-3</b>	<b>Calcium dihydroxide</b>	<b>X1; R37/38-40</b>	<b>2.5-5%</b>
<b>CAS: 2867-47-2</b> <b>EINECS: 220-688-8</b>	<b>2-Dimethylaminoethyl methacrylate</b>	<b>Xn, Xi, R 21/22-36/38-43</b>	<b>≤2.5%</b>

### SECTION 3: HAZARDS IDENTIFICATION

#### Hazard description:

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

### SECTION 4: FIRST AID MEASURES



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**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.

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### SECTION 5: FIRE-FIGHTING MEASURES

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

**Protective equipment** : No Special measures required

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Person-related safety precautions** : Not required.

**Measures for environmental protection** : No special measures required

**Measures for cleaning/collecting** : Pick up mechanically.

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### SECTION 7: HANDLING AND STORAGE

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**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.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Additional information about design of technical facilities** : No further data; see item 7.

**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.



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**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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>General Information</b>
<b>Form:</b> Pasty
<b>Colour:</b> White
<b>Odour:</b> Characteristics
<b>Change in condition</b>
<b>Melting point/Melting range:</b> undetermined
<b>Boiling point/Boiling range:</b> undetermined
<b>Flash point:</b> Not applicable
<b>Self-igniting:</b> Product is not selfigniting.
<b>Danger of explosion:</b> Product does not present an explosion hazard.
<b>Density:</b> Not determined
<b>Solubility in / Miscibility with Water :</b> No miscible or difficult to mix
<b>pH-Value at 20 °C:</b> 9

## SECTION 10: STABILITY AND REACTIVITY

**Thermal decomposition / conditions to be avoided**

: No decomposition if used according to specifications.

**Dangerous reactions**No

: No dangerous reactions known



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**Dangerous decomposition products** : No dangerous decomposition products known

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### SECTION 11: TOXICOLOGICAL INFORMATION

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**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

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### SECTION 12: ECOLOGICAL INFORMATION

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**Additional ecological information:**

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

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### SECTION 13: DISPOSAL CONSIDERATIONS

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**Product**

**Recommendation** : Must not be disposed together with household garbage. Do not allow product to reach sewagesystem.

**Uncleaned packaging:**

**Recommendation:** : Disposal must be made according to official regulations.

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### SECTION 14: TRANSPORT INFORMATION

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**Land transport ADR/RID (cross-border)**

**ADR/RID class:** -

**Maritime transport IMDG:**

**IMDG Class:** -

**Marine pollutant:** No

**Air transport ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:-**

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### SECTION 15: REGULATORY INFORMATION

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**Labelling according to EU guidelines** : Observe the general safety regulations when



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handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

### Code letter and Non hazard designation of product:



Xi Irritant

### Non Hazard-determining components of labeling:

**2-dimethylaminoethyl methacrylate**

#### Risk Phrases:

**36** Irritating to eyes

**43** may cause sensitization by skin contact

#### Safety Phrases:

**24** Avoid contact with skin

**26** In Case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**37** Wear suitable gloves.

## SECTION 16: OTHER INFORMATION

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.