



# 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:** Fusion Bond DC - Dual Curing Nano Reinforced Total Etch Dentine Enamel Bond  
**INTENDED USE:** Dental Restoration

**Company Name:** Prevest Denpro Limited

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

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

**Fax No.** +91-191-2430442

**Email:** [info@prevestdenpro.com](mailto:info@prevestdenpro.com)

**Web:** [www.prevestdenpro.com](http://www.prevestdenpro.com)

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

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

#### **Chemical characterization**

**Description:** Mixture of substances listed below with nonhazardous additions.

CAS: 1565-94-2	BIS-GMA	Xi; R 36/38	50-70%
CAS: 868-77-9			
EINECS: 212-782-2	2-hydroxyethyl methacrylate	Xi; R 36/38	50-70%

### SECTION 3: HAZARDS IDENTIFICATION

**Hazard description: Non Hazardous**

**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 34 Causes burns.

R 43 May cause sensitisation by skin contact.

**Classification system:**

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

### SECTION 4: FIRST AID MEASURES

<b>General information</b>	:	Immediately remove any clothing soiled by the product.
<b>After inhalation</b>	:	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact</b>	:	Immediately wash with water and soap and rinse thoroughly.
<b>After eye contact</b>	:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing</b>	:	If symptoms persist consult doctor.

### SECTION 5: FIRE-FIGHTING MEASURES



# 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, E-mail : info@prevestdenpro.com

## MATERIAL SAFETY DATA SHEET

---

**Suitable extinguishing agents** : CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
**Protective equipment** : No special measures required.

---

### SECTION 6: ACCIDENTAL RELEASE MEASURES

---

**Person-related safety precautions** : Ensure adequate ventilation  
**Measures for environmental protection** : Do not allow to enter sewers/ surface or ground water.  
**Measures of Cleaning/ collecting** : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Ensure adequate ventilation.

---

### SECTION 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** : Keep container tightly sealed. See storage instructions on package

---

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

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

**Ingredients with limit values that require 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:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

**Respiratory protection:** Not required.

**Protection of hands:**

Protective gloves

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



# 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, E-mail : info@prevestdenpro.com

## MATERIAL SAFETY DATA SHEET

### 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 8: PHYSICAL AND CHEMICAL PROPERTIES

---

### General Information

**Form** : Fluid  
**Colour** : Yellow  
**Odour** : Characteristic

### Change in condition

**Melting point/Melting range** : Undetermined.  
**Boiling point/Boiling range** : Undetermined.  
**Flash point** : Not applicable.  
**Danger of explosion** : Product does not present an explosion hazard.  
**Density at 20°C** : 1.2 g/cm<sup>3</sup>  
**Solubility in / Miscibility with Water** : Partly miscible.  
**pH-value at 20°C** : 1.5

---

## SECTION 10: STABILITY AND REACTIVITY

---

**Thermal decomposition / conditions to be avoided** : No decomposition if used according to specifications.  
**Dangerous reactions** : No dangerous reactions known.  
**Dangerous decomposition products** : No dangerous decomposition products known.

---

## SECTION 11: TOXICOLOGICAL INFORMATION

---

### Acute toxicity:

**LD/LC50 values relevant for classification:**

**Acidic adhesive monomer**

Oral LD50 > 2000 mg/kg (rat)

**Primary irritant effect:**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Irritating effect.

**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Corrosive

**Sensitisation** May cause sensitisation by skin contact..



# 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, E-mail : info@prevestdenpro.com

## MATERIAL SAFETY DATA SHEET

---

### SECTION 12 : ECOLOGICAL INFORMATION

---

**Additional ecological information:**

**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

---

### SECTION 13: DISPOSAL CONSIDERATIONS

---

**Product:**

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packaging:**

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

---

### SECTION 14 : TRANSPORT INFORMATION

---

- 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: -

---

### SECTION 15: REGULATORY INFORMATION

---

**Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

**Code letter and hazard designation of product:**

C Corrosive

**Hazard-determining components of labelling:**

2-hydroxyethyl methacrylate

**Risk phrases:**

34 Causes burns.

43 May cause sensitisation by skin contact.

**Safety phrases:**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of water.

37/39 Wear suitable gloves and eye/face protection.

**Special labelling of certain preparations:**

Contains 2-hydroxyethyl methacrylate. May produce an allergic reaction

---

### SECTION 16: OTHER INFORMATION

---



# 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**

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