



Issue Date 22.09.2022 Version Number 0 Review date

#### **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Prevest C&B, Interim

**Intended use:** Resin for 3D printing of temporary crown and bridge restorations

Company Name: Prevest Denpro Limited

Address: Unit II, Export Promotion Industrial Park (EPIP), Bari Brahmana, Jammu (J&K)-181133 India

**Tel**: 0191 3506858 / 8899074151

Fax No: +91-1923-222774

Email: customercare@prevestdenpro.com

Web: www.prevestdenpro.com

**Emergency** 

**Contact No**: +91 8899074151

## **SECTION 2: HAZARD IDENTIFICATION**

#### 2.1. Classification of the substance or mixture

## Regulation (EC) No. 1272/2008 [CLP]

Skin Sens.	Cat. 1	H317
Aquatic Chronic.	Cat. 2	H411
Serious eye damage/eye irritation	Cat. 2	H319

For the full text of H, phrases see section 16

Adverse physicochemical, human health and environmental effects No additional information available

## 2.2. Label elements

#### Hazard statements:

H319 Causes Serious irritation.

H411 Toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

#### Precautionary statements:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P273: Avoid release to the environment.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P501: Dispose of contents/container to an approved waste disposal plant.





Issue Date 22.09.2022 Version Number 0 Review date

## 2.3. Other hazards

No additional information available

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

## 3.1. Substances

Not applicable.

## 3.2. Mixtures

COMPONENTS	C.A.S.	% by Wt
Methacylate	-	(trade secret*)
Photo initiators		(trade secret*)
Pigments	-	< 1 (trade secret*)

#### **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of first aid measures

#### After inhalation

Move the victim to fresh air. Put the victim at rest and keep warm.

## After contact with the skin

After contact with the skin, wash immediately with water and soap.

#### After contact with the eyes

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

#### After ingestion

Call a physician immediately.

## **SECTION 5: FIRE FIGHTING MEASURES**

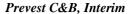
## 5.1. <u>Extinguishing media</u>

## Suitable extinguishing media

Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO2).

## Unsuitable extinguishing media

High power water jet.





Issue Date 22.09.2022 Version Number 0 Review date

5.2. <u>Special hazards arising from the substance or mixture</u> COx, NOx.

#### **SECTION 6: ACCIDENT RELEASE MEASURES**

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing. Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically.

#### **SECTION 7: HANDLING AND STORAGE**

7.1. Precautions for safe handling

### Advice on safe handling

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

7.2. <u>Conditions for safe storage, including any incompatibilities</u>

## Requirements for storage rooms and vessels

Keep the container tightly closed in a cool, well-ventilated place.

Store only in original container.

#### **SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

## 8.1. Exposure Controls

#### **Ventilation Controls**

Ensure adequate ventilation.

#### **Respiratory Protection**

Respirators are generally not needed under normal conditions of use. If this material is handled at elevated temperature, under mist forming conditions or in case of accidental release of large quantities of product use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

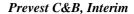
### **Protective Gloves**

Wear impervious gloves (nitrile or neoprene) for routine handling.

Eye and Face Protection: Chemical splash goggles or a face shield is recommended during operations where splashing could occur.

#### **Skin Protection**

Avoid all skin contact. Depending on the conditions of use, cover as much of the exposed skin area as possible by wearing gloves, aprons, long pants, and long sleeved shirts.





Issue Date 22.09.2022 Version Number 0 Review date

#### **Other Controls**

For operations where contact can occur a safety shower and eye wash facility should be available. Always use good personal hygiene and housekeeping practices. Wash hands thoroughly after handling.

#### **Environmental Exposure Controls**

Keep product from waterways and watersheds. This substance is not readily biodegradable and is dangerous for the environment. Avoid release into the environment.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### **Appearance**

Form Colored Liquid
Color Tooth Color

Odor Fruit, ester-like odor

Odor Threshold N/D pH value at 20°C (68°F) N/D

#### Change in condition

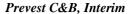
Melting Point/Melting Range N/D Flash point N/D Flammability (solid, gaseous) N/D Decomposition temperature N/D N/D Auto igniting N/D Danger of explosion **Explosion limits** N/D Lower N/D N/D Upper Vapour Pressure at 20°C (68°F): N/D Vapour Density N/D N/D Evaporation rate

Miscibility with Water Nearly Insoluble in Water

Partition coefficient (n-octanol/water) N/D
Solvent content N/D
Organic solvents N/D
Water N/D

Viscosity, dynamic 1500-2000 M.P.a (25° C)

Solids content N/D





Issue Date 22.09.2022 Version Number 0 Review date

#### **SECTION 10: STABILITY AND REACTIVITY**

10.1. Reactivity

None known

10.2. Chemical Stability

Stable if handled and stored as directed.

10.3. Thermal decomposition/Conditions to avoid

Avoid heat, light and sources of contamination.

10.4. Possibility of hazardous reactions/Conditions to avoid

Heat, light, sources of contamination or inhibitor depletion may cause spontaneous polymerization generating heat and pressure. Closed containers may rupture or explode during run away polymerization.

10.5. Incompatible materials

Reducing and oxidizing agents, peroxides and amines.

10.6. Hazardous decomposition products

Thermal decomposition may release acrid smoke or fumes, carbon and nitrogen oxides

### **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1. <u>Information on toxicological effects</u>

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Not classified

Not classified

Skin corrosion/irritation Not classified
Serious eye damage/irritation Not classified

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

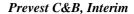
STOT-single exposure

STOT-repeated exposure

Not classified

Not classified

Not classified





Issue Date 22.09.2022 Version Number 0 Review date

#### **SECTION 12: ECOLOGICAL INFORMATION**

#### 12.1. Toxicity

Ecology - general Avoid release to the environment.

Acute aquatic toxicity Not classified

Chronic aquatic toxicity Harmful to aquatic life with long lasting effects.

### 12.1. Persistence and degradability

No additional information available

#### 12.2. Bioaccumulative potential

No additional information available

## 12.3. Mobility in Soil

No additional information available

#### 12.4. Results of PBT and vPvB assessment

No additional information available

#### 12.5. Other adverse effects

**Additional Information** 

No additional information available

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### 13.1. Waste treatment methods

## **Disposal recommendations**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Paste: Carry out the burning of hazardous waste according to official regulations.

## **SECTION 14: TRANSPORT INFORMATION**

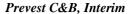
Land transport (ADG): NOT REGULATED

Air transport (ICAO-IATA / DGR): NOT REGULATED

Sea transport (IMDG-Code): NOT REGULATED

## Other applicable information

No dangerous good in sense of these transport regulations





Issue Date 22.09.2022 Version Number 0 Review date

#### Other applicable information

No dangerous good in sense of these transport regulations.

## **SECTION 15: REGULATORY INFORMATION**

## Safety, health and environmental regulations/legislation specific for the substance or mixture

- Classification and labeling information included in section 2:
- Particular provisions: No data available

#### **SECTION 16: OTHER INFORMATION**

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Sens. 1B; H317	Calculation method
Aquatic Chronic 2; H411	

#### Legend

## Note: Not all of the following are necessarily contained in this Safety Data Sheet:

Skin Sen. Skin Sensitisation.
Skin Irri. Skin Irritation.
Eye Irri. Eye Irritation.

STOT RTI Specific Target Organ Toxicity – Respiratory Tract Irritation.

Repr. Tox. Reproductive Toxicity

Aquatic Chronic Haz. Hazardous to the aquatic environment.

## Relevant H and EUH statements (number and full text)

H411 Toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H315 Causes skin irritation.

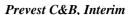
H319 Causes serious eye irritation.

H413 May cause long lasting harmful effects to aquatic life.

Department issuing MSDS: Regulatory affairs

SDS Issue date: 22.09.2022

Contact: research@prevestdenpro.com





Issue Date 22.09.2022 Version Number 0 Review date

#### Disclaimer:

The information contained herein is believed to be true and accurate. However, all statements, recommendations or suggestions are made without any guarantee, representation or warranty, express or implied, on our part. Therefore, no warranty is made or to be implied that the information set out in this document is accurate or complete, and we accordingly exclude all liability in connection with the use of this information or the products referred to herein. All such risks are assumed by the purchaser/user. The information contained herein is also subject to change without notice. For the avoidance of doubt, however, nothing in this document excludes or limits our liability for death or personal injury caused by our negligence or for fraudulent misrepresentation.