

# MATERIAL SAFETY DATA SHEET

Issue Date 11.10.2022

Version Number 0

Review date -

## SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prevest Denture  
**Intended use:** For manufacturing of 3D-printed denture base  
**Company Name:** Prevest Denpro Limited  
**Address:** Unit II, Export Promotion Industrial Park (EPIP), Bari Brahmana, Jammu (J&K)-181133 India  
**Tel:** 0191 3506858 / 8899074151  
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## SECTION 2 : HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

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

Skin Sens.	Cat. 1	H317	H317
Aquatic Chronic	Cat. 4	H413	H413

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

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

Hazard statements:

H411	Toxic to aquatic life with long lasting effects.
H317	May cause an allergic skin reaction.
H413	May cause long lasting harmful effects to aquatic life.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

P264: Wash skin thoroughly after handling

P270: Do not eat, drink or smoke when using this product.

P272: Contaminated work clothing should not be allowed out of the workplace.

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

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P363 Wash contaminated clothing before reuse.

P273: Avoid release to the environment.

P301+312: IF SWALLOWED: Call a poison centre or doctor/physician if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

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

P310: Immediately call a poison centre or doctor/physician.

P314: Get medical advice/attention if you feel unwell.

P330: Rinse mouth.

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

P362+364: Take off contaminated clothing and wash it before use.

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

## SECTION 3 : COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.1. Substances

This product is a mixture.

### 3.2. Mixtures

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

\* SDS indicates the ingredient name and/or exact percentage is being withheld as a 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.

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## After ingestion

Call a physician immediately.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media

High power water jet.

### 5.2. Special hazards arising from the substance or mixture

CO<sub>x</sub>, NO<sub>x</sub>

## 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. Conditions for safe storage, including any incompatibilities

#### 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

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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 or 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.

## 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 not dangerous for the environment. Avoid release into the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### Appearance

Form	Color Liquid
Color	Pink
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
Boiling point/Boiling range	N/D
Flash point	N/D
Flammability (solid, gaseous)	N/D
Ignition Temperature	N/D
Auto igniting	N/D
Danger of explosion	N/D
Explosion limits	N/D
Lower	N/D
Upper	N/D

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Vapour Pressure at 20°C (68°F)	N/D
Relative density	N/D
Vapour Density	N/D
Evaporation rate	N/D
Miscibility with Water	Nearly Insoluble in Water
Partition coefficient (n-octanol/water)	N/D
Solvent content	N/D
Viscosity, dynamic at 25° C	696-837 M.P.a
Organic solvents	N/D
Water	N/D
Solids content	N/D

## 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. Information on toxicological effects

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	May cause an allergic skin reaction.

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Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified

## SECTION 12: ECOLOGICAL INFORMATION

### 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 INFORMATION

### 13.1. Waste treatment methods

#### Disposal recommendations

Disposal 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**

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## 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

### 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.

### 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.
H413	May cause long lasting harmful effects to aquatic life.
H302	Harmful if swallowed.
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- **Department issuing MSDS:** Regulatory affairs
- **SDS Issue date:** 11.10.2022
- **Contact:** research@prevestdenpro.com

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