



## **MATERIAL SAFETY DATA SHEET**

Issue Date 29.10.2022

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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.

### 2.3. Other hazards

No additional information available

### **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*)	(trade secret*)
Photo initiators	(trade secret*)	(trade secret*)
Pigments	(trade secret*)	< 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.

##### **After ingestion**

Call a physician immediately.

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

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

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

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

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 or respirator cartridges as a backup to engineering controls.

#### Protective Gloves

Wear impervious gloves (nitrile) 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.

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**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	Clear Liquid
Color	Transparent clear
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
Ignition Temperature	375 °C
Decomposition temperature	N/D
Auto igniting	N/D
Danger of explosion	N/D
Explosion limits	N/D
Lower	N/D
Upper	N/D
Vapour Pressure at 20°C (68°F):	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	310-380 M.P.a (25° C)
Organic solvents	N/D
Water	N/D
Solids content	N/D

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### **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.

**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.

Germ cell mutagenicity Not classified

Carcinogenicity Not classified

Reproductive toxicity Not classified

STOT-single exposure Not classified

STOT-repeated exposure Not classified

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### 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 CONSIDERATIONS

#### 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**

##### Other applicable information

No dangerous good in sense of these transport regulations.

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### 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

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

H317 May cause an allergic skin reaction.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.

- **Department issuing MSDS:** Regulatory affairs
- **SDS Issue date:** 29.10.2022
- **Contact:** research@prevestdenpro.com

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