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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Identification of the substance or mixture      precote 10 coating  
Trade name/designation

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses:

Coating

### 1.3. Details of the supplier of the safety data sheet

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

omniTECHNIK Mikroverkapselungs GmbH

Triebstraße 9

80993 München

Germany

Telephone: +49 89 1433810

Telefax: +49 89 14338111

E-mail [contact@omnitechnik.com](mailto:contact@omnitechnik.com)

Website: [www.precote.com](http://www.precote.com)

#### Dept. responsible for information:

Technik

+49 89 1433810

E-mail (competent person)

[contact@omnitechnik.com](mailto:contact@omnitechnik.com)

### 1.4. Emergency telephone number

Emergency telephone number

+49 89 1433810

Only available during office hours.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 2.2. Label elements

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

##### Hazard pictograms

##### Hazard statements

not applicable

##### Precautionary statements

not applicable

##### Hazard components for labelling

not applicable

##### Supplemental Hazard information (EU)

not applicable

### 2.3. Other hazards

No information available.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

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

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Designation	
INDEX No.	classification: // Remark	

not applicable

#### Additional information

Full text of classification: see section 16

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

No special measures are required.

###### Following skin contact

Wash hands thoroughly after handling.

###### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

###### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

##### 4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

##### 4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

###### Unsuitable extinguishing media

strong water jet

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

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

##### 5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

No special measures are required.

##### 6.2. Environmental precautions

No special measures are required.

##### 6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Clean using cleansing agents. Do not use solvents.

##### 6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advices on safe handling

No special measures are required.

###### Further information

No special measures are required.

##### 7.2. Conditions for safe storage, including any incompatibilities

###### Requirements for storage rooms and vessels

Store in a cool dry place.

###### Hints on joint storage

No special measures are required.

###### Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect

from heat and direct sunlight.

**7.3. Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limit values**

not applicable

**8.2. Exposure controls**

**Personal protection equipment**

**Respiratory protection**

No special measures are required.

**Hand protection**

Wash hands thoroughly after handling.

**Eye/face protection**

No special measures are required.

**Body protection**

No special measures are required.

**Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

**SECTION 9: Physical and chemical properties**

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

**Appearance:**

**Physical state:** solid  
**Colour:** refer to label

**Odour:** characteristic

**Odour threshold:** not applicable

**pH at 20 °C:** not applicable

**Melting point/freezing point:** not applicable

**Initial boiling point and boiling range:** not applicable

**Flash point:** not determined

**Evaporation rate:** not applicable

**flammability**

**Burning time (s):** not applicable

**Upper/lower flammability or explosive limits:**

**Lower explosion limit:** not applicable

**Upper explosion limit:** not applicable

**Vapour pressure at 20 °C:** not applicable

**Vapour density:** not applicable

**Relative density:**

**Density at 20 °C:** 1,07 g/cm<sup>3</sup>

**Solubility(ies):**

**Water solubility (g/L) at 20 °C:** insoluble

**Partition coefficient: n-octanol/water:** see section 12

**Auto-ignition temperature:** not applicable

**Decomposition temperature:** not applicable

**Viscosity at °C:** solid

**Explosive properties:** not applicable

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**Oxidising properties:** not applicable

#### **SECTION 10: Stability and reactivity**

- 10.1. **Reactivity**  
No information available.
- 10.2. **Chemical stability**  
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.
- 10.3. **Possibility of hazardous reactions**
- 10.4. **Conditions to avoid**  
Hazardous decomposition byproducts may form with exposure to high temperatures.
- 10.5. **Incompatible materials**  
not applicable
- 10.6. **Hazardous decomposition products**  
Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

#### **SECTION 11: Toxicological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]  
No data on preparation itself available.

##### 11.1. **Information on toxicological effects**

###### **Acute toxicity**

Based on available data, the classification criteria are not met.

###### **Skin corrosion/irritation; Serious eye damage/eye irritation**

Based on available data, the classification criteria are not met.

###### **Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

###### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Based on available data, the classification criteria are not met.

###### **STOT-single exposure; STOT-repeated exposure**

Based on available data, the classification criteria are not met.

###### **Aspiration hazard**

Based on available data, the classification criteria are not met.

###### **Overall Assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

###### **Remark**

There is no information available on the preparation itself .

#### **SECTION 12: Ecological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]  
There is no information available on the preparation itself .  
Do not allow to enter into surface water or drains.

##### 12.1. **Toxicity**

Based on available data, the classification criteria are not met.

##### 12.2. **Persistence and degradability**

Toxicological data are not available.

##### 12.3. **Bioaccumulative potential**

Toxicological data are not available.

##### 12.4. **Mobility in soil**

Toxicological data are not available.

##### 12.5. **Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

- 12.6. **Other adverse effects**  
No information available.

### SECTION 13: Disposal considerations

13.1. **Waste treatment methods**

**Appropriate disposal / Product Recommendation**

Do not allow to enter into surface water or drains. Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

**List of proposed waste codes/waste designations in accordance with EWC**

080111\*      Waste paint and varnish containing organic solvents or other dangerous substances

\*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

**Appropriate disposal / Package Recommendation**

Non-contaminated packages may be recycled.

### SECTION 14: Transport information

**No dangerous good in sense of this transport regulation.**

- 14.1. **UN number**      not applicable
- 14.2. **UN proper shipping name**
- 14.3. **Transport hazard class(es)**      not applicable
- 14.4. **Packing group**      not applicable
- 14.5. **Environmental hazards**  
Land transport (ADR/RID)      not applicable  
Marine pollutant      not applicable
- 14.6. **Special precautions for user**  
Advices on safe handling: see parts 6 - 8
- Further information**
- Land transport (ADR/RID)**  
tunnel restriction code      -
- Sea transport (IMDG)**  
EmS-No.      not applicable
- 14.7. **Transport in bulk according to Annex II of Marpol and the IBC Code**  
No special measures are required.

### SECTION 15: Regulatory information

- 15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- EU legislation**
- Directive 2010/75/EU on industrial emissions**  
VOC-value (in g/L): 0,000
- National regulations**
- 15.2. **Chemical Safety Assessment**  
Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

**Abbreviations and acronyms**

ADR      European Agreement concerning the International Carriage of Dangerous Goods by Road

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2015/830



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OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

**Further information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.