

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

**precote**<sup>®</sup>

precote 19-2  
coating  
Print date 03.08.2017  
Version 1.0

Revision date 12.06.2017  
Issue date 12.06.2017

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

**1.1. product identifiers**

Identification of the substance or mixture      precote 19-2 coating

**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

Website: www.precote.com

**Dept. responsible for information:**

Technik

+49 89 1433810

E-mail (competent person)

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

**contains:**

not applicable

**Supplemental Hazard information (EU)**

not applicable

**2.3. Other hazards**

**SECTION 3: Composition / information on ingredients**

**3.2. Mixtures**

**Product description / chemical characterization**

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

**Hazardous ingredients**

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

**EC No.**

**REACH No.**

**CAS No.**

**Chemical name**

**Wt %**

**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**

#### **SECTION 5: Firefighting measures**

##### **5.1. Extinguishing media**

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

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

###### **Extinguishing media which must not be used for safety reasons:**

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 chapter 7 and 8).

#### **SECTION 7: Handling and storage**

##### **7.1. Precautions for safe handling**

###### **Advices on safe handling**

No special measures are required.

###### **Precautions against fire and explosion:**

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.

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- 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**  
**Occupational exposure controls**  
**Respiratory protection**  
No special measures are required.

Use the following filter types for cleaning waste gases:0

**Hand protection**  
Wash hands thoroughly after handling.

**Eye protection**  
No special measures are required.

**Protective clothing**  
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 chapter 7. No additional measures necessary.

## **SECTION 9: Physical and chemical properties**

- 9.1. **Information on basic physical and chemical properties**
- Appearance:**
- |                        |                |
|------------------------|----------------|
| <b>Physical state:</b> | solid          |
| <b>Colour:</b>         | 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 (solid, gas):**
- |                   |                |
|-------------------|----------------|
| 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: | 1,15 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

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**Explosive properties:** not applicable  
**Oxidising properties:** not applicable

**SECTION 10: Stability and reactivity**

10.1. **Reactivity**

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 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**

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**

Toxicological data are not available.

**skin corrosion/irritation; Serious eye damage/eye irritation**

Toxicological data are not available.

**Respiratory or skin sensitisation**

Toxicological data are not available.

**Specific target organ toxicity**

Toxicological data are not available.

**Aspiration hazard**

Toxicological data are not available.

**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**

**overall evaluation**

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**

Toxicological data are not available.

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**

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### 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

080112 waste paint and varnish other than those mentioned in 080111

##### packaging

##### 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

##### Air transport (ICAO-TI / IATA-DGR)

#### 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 preparation were not carried out.

### SECTION 16: Other information

#### Full text of classification in section 3:

##### Further information

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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.