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

1.1. product identifiers
Identification of the substance or mixture: precote 85 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
E-mail (competent person) +49 89 1433810
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:
dibenzoyl peroxide, microencapsulated

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]

<table>
<thead>
<tr>
<th>EC No.</th>
<th>CAS No.</th>
<th>INDEX No.</th>
<th>Chemical name classification: // Remark</th>
<th>Wt %</th>
</tr>
</thead>
<tbody>
<tr>
<td>202-327-6</td>
<td>94-36-0</td>
<td>202-327-6</td>
<td>dibenzoyl peroxide, microencapsulated</td>
<td>1 - 2,5</td>
</tr>
<tr>
<td>617-008-00-0</td>
<td>Org. Perox. B</td>
<td>H241 / Eye Irrit. 2 H319 / Skin Sens. 1 H317</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
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**

dibenzoyl peroxide, microencapsulated
INDEX No. 617-008-00-0 / EC No. 202-327-6 / CAS No. 94-36-0

TWA: 5 mg/m³

**Additional information**

TWA: long-term occupational exposure limit value
STEL: short-term occupational exposure limit value
Ceiling: peak limitation

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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>solid</td>
</tr>
<tr>
<td>Physical state</td>
<td>solid</td>
</tr>
<tr>
<td>Colour</td>
<td>refer to label</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>not applicable</td>
</tr>
<tr>
<td>pH at 20 °C</td>
<td>not applicable</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>not determined</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>not applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>not applicable</td>
</tr>
<tr>
<td>burning time (s):</td>
<td>not applicable</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Lower explosion limit:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Upper explosion limit:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Vapour pressure at 20 °C:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Vapour density</td>
<td>not applicable</td>
</tr>
<tr>
<td>Relative density</td>
<td></td>
</tr>
<tr>
<td>Density at 20 °C:</td>
<td>1.29 g/cm³</td>
</tr>
<tr>
<td>Solubility(ies):</td>
<td></td>
</tr>
</tbody>
</table>
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
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

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
Advises 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:

- Eye Irrit. 2 / H319: Serious eye damage/eye irritation
- Skin Sens. 1 / H317: Respiratory or skin sensitisation

Heating may cause a fire or explosion.
Causes serious eye irritation.
May cause an allergic skin reaction.

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.