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

1.1. **Product identifier**

Identification of the substance or mixture — precote 87-3 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
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

Hazard components for labelling
dibenzoyl peroxide, microencapsulated

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. CAS No. INDEX No.	REACH No. Designation classification: // Remark	Wt %
202-327-6 94-36-0 617-008-00-0	dibenzoyl peroxide, microencapsulated Org. Perox. B H241 / Eye Irrit. 2 H319 / Skin Sens. 1 H317	1 - 2,5

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

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**

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:	**1,44 g/cm³**
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**
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

080112 waste paint and varnish other than those mentioned in 08 01 11

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

Full text of classification in section 3:

Org. Perox. B / H241	Organic peroxides	Heating may cause a fire or explosion.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.

Abbreviations and acronyms

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