

# Safety Data Sheet

according to regulation (EU) No. 1907/2006

Rev. 2016-03

## 1. Identification of the substance/preparation and of the company/undertaking

### Information on the product

Trade name: picobello gel

### Company/undertaking identification:

Deltamed GmbH  
Raiffeisenstraße 16  
D-61169 Friedberg

Telephone-No. +49 6031 72830  
Fax-No. +49 6031 728329

### Responsible Department:

picodent GmbH  
Lüdenscheider Str. 24-26  
D-51688 Wipperfürth

www.picodent.de  
Telephone-No +49 2267 6580-0  
Fax-No. +49 2267 6580-30

### Emergency telephone:

Giftinformationszentrum  
Universitätsklinikum Mainz

Telephone-No. +49 6031 19240

## 2. Hazards identification

### Classification of the substance or mixture

Classification according to Directive  
67/548/EEC or 1999/45/EC

R phrases:

May cause long-term adverse effects in the aquatic environment.

### Classification according to Regulation (EC)

No. 1272/2008 [CLP]

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 4

Hazard statements:

May cause long lasting harmful effects to aquatic life.

### Label elements

#### Hazard statements

H413

May cause long lasting harmful effects to aquatic life.

### Precautionary statements

P280

Wear protective gloves/protective clothing/eye protection.

P302+P350

IF ON SKIN: Gently wash with plenty of soap and water.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501

Dispose of contents/container in accordance with local regulation.

### Other hazards

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

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## 3. Composition/information on ingredients

### Mixtures

#### Chemical characterization

Mixture of acrylic resins and initiators.

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
	Acrylic resin	> 60 %
	R53	
	Aquatic Chronic 4; H413	

Full text of R-, H- and EUH-phrases: see section 16.

## 4. First aid measures

### Description of first aid measures

#### General information

Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours. Take off all contaminated clothing immediately.

#### After inhalation

Provide fresh air. Medical treatment necessary.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. Medical treatment necessary.

#### After contact with eyes

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. Consult an ophthalmologist.

#### After ingestion

Do NOT induce vomiting. Medical treatment necessary.

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

No information available.

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

Treat symptomatically.

## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media

Foam. Extinguishing powder Carbon dioxide

#### Unsuitable extinguishing media

Full water jet

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

In case of fire may be liberated: Carbon monoxide. Carbon dioxide Hazardous decomposition products

#### Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### Environmental precautions Methods and material for containment and cleaning up

Do not allow to enter into surface water or drains.  
  
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Treat the recovered material as prescribed in the section on waste disposal .

### Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

#### Advice on safe handling

Provide good room ventilation.

#### Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C.

#### Advice on storage compatibility

Can polymerize with intense heat release.  
No special measures are necessary.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure controls

#### Protective and hygiene measures

Avoid contact with skin, eyes and clothes. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

#### Eye/face protection

tightly fitting goggles

#### Hand protection

Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

#### Skin protection

Wear suitable protective clothing.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Gel  
 Colour: blue  
 Odour: characteristic

### Test method

pH-Value: not determined

### Changes in the physical state

Melting point: not determined  
 Initial boiling point and boiling range: not determined  
 Flash point: > 150 °C

### Flammability

Solid: not applicable  
 Gas: not applicable  
 Lower explosion limits: not determined  
 Upper explosion limits: not determined

### Auto-ignition temperature

Solid: not applicable  
 Gas: not applicable  
 Decomposition temperature: not determined  
 Vapour pressure: not determined  
 Density: 1,1 g/cm<sup>3</sup>  
 Water solubility: insoluble

### Solubility in other solvents

The substance is not soluble in water.

Partition coefficient: not determined  
 Viscosity / dynamic: (at 20 °C) 250 \* 1000 mPa·s  
 Vapour density: not determined  
 Evaporation rate: not determined

### Other information

Solid content: not determined

Product has not been tested. The statement is derived from the properties of the components.

## 10. Stability and reactivity

**Reactivity** No hazardous reaction when handled and stored according to provisions.

**Chemical stability** The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions** Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

**Conditions to avoid** Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C.  
 Can polymerize with intense heat release.

**Incompatible materials** Oxidising agent, Reducing agent, Heavy metals, acids, Alkali (lye)

**Hazardous decomposition products** No known hazardous decomposition products.

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## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

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

#### Irritation and corrosivity

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

#### Sensitising effects

Based on available data, the classification criteria are not met. Possible sensitization in case of persons suffering from hypersensitivity .

#### STOT-single exposure

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

#### Severe effects after repeated or prolonged exposure

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

#### Aspiration hazard

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

#### Further information

Product has not been tested. The statement is derived from the properties of the components.

## 12. Ecological information

### Persistence and degradability

The product has not been tested.

### Bioaccumulative potential

The product has not been tested.

### Mobility in soil

The product has not been tested.

### Results of PBT and vPvB assessment

The product has not been tested.

### Other adverse effects

No information available.

### Further information

Do not allow uncontrolled discharge of product into the environment. Do not allow to enter into surface water or drains.

## 13. Disposal considerations

### Waste treatment methods

#### Advice on disposal

Small quantities can be polymerized by light and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of following the regulations of the local authorities.

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

### Waste disposal number of waste from residues/unused products

070208

WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other still bottoms and reaction residues  
Classified as hazardous waste.

### Waste disposal number of contaminated packaging

070208

WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other still bottoms and reaction residues  
Classified as hazardous waste.

### Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

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## 14. Transport information

### Land transport (ADR/RID)

**Other applicable information (land transport)** No dangerous good in sense of these transport regulations.

### Inland waterways transport (ADN)

**Other applicable information (inland waterways transport)** No dangerous good in sense of these transport regulations.

### Marine transport (IMDG)

**Other applicable information (marine transport)** No dangerous good in sense of these transport regulations.

### Air transport (ICAO)

**Other applicable information (air transport)** No dangerous good in sense of these transport regulations.

### Special precautions for user

No information available.

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

## 15. Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

#### Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## 16. Other information

### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road )

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

### Relevant R-phrases (Number and full text)

53 May cause long-term adverse effects in the aquatic environment.

### Relevant H- and EUH-phrases (Number and full text)

H413 May cause long lasting harmful effects to aquatic life.

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## Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)