

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

### 1.1. Product identifier

**RPR-1**

CAS-Nr.: -  
EG-Nr.: -  
INDEX-Nr.: -  
REACH-Nr.: -

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

Relevant identified uses: Manufacture.  
Uses advised against: Private households (= general public).

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

#### Manufacturer

pro3dure medical GmbH  
  
Am Burgberg 13  
D 58642 Iserlohn

Telephone +49 (0)2374 920050-10  
Telefax: +49 (0)2374 920050-50

#### Supplier

pro3dure medical GmbH  
  
Am Burgberg 13  
D 58642 Iserlohn

Telephone +49 (0)2374 920050-10  
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#### Information contact

pro3dure medical GmbH

Information telephone +49 (0)2374 920050-10  
Information telefax +49 (0)2374 920050-50  
E-mail (competent person) info@pro3dure.com  
Website www.pro3dure.com

### 1.4. Emergency telephone number

This number is serviced during office hours.

Telephone +49 (0)2374 920050-10

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008:  
Carc. 2, H351

### 2.2. Label elements

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

## Hazard pictograms



GHS07  
Warning

**Signal word:**

**Hazard statements:**

-

### Precautionary statements:

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P308+313 If exposed: Call a POISON CENTER or doctor/physician.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with official regulation.

### Hazardous component(s) for labelling:

Diurethane dimethacrylate, isomeric mixture

### Special labelling of particular preparations:

Safety data sheet available for professional user on request.

## 2.3. Other hazards

See attached safety data sheets and/or usage instructions.

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

-

### Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):
(+)-Camphorquinone	233-814-1	10373-78-1				-
(4-Dimethylaminobenzoic acid ethylester		10287-53-3				-
Diphenyl-(2,4,6-trimethylbenzoyl)phosphinoxide	278-355-8	75980-60-8				Repr. 2, H361
Diurethane dimethacrylate, (isomeric mixture)	276-957-5	72869-86-4				-

(Full text of H- and EUH-statements: see section 16.)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information:** Take off immediately all contaminated clothing. When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice.

**In case of inhalation:** Provide fresh air.

**Following skin contact:** Wash immediately with: Water and soap

**After eye contact:** In case of contact with eyes flush immediately with plenty of flowing water for 10

**After ingestion:** to 15 minutes holding eyelids apart and consult an ophthalmologist.  
Never give anything by mouth to an unconscious person or a person with cramps. Call a physician immediately.

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

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

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Dry extinguishing powder Dry sand  
**Unsuitable extinguishing media** Excess water

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

In case of fire: Wear self-contained breathing apparatus. Co-ordinate fire-fighting measures to the fire surroundings.

#### 5.3. Advice for firefighters

##### General information

In case of fire and/or explosion do not breathe fumes. Co-ordinate fire-fighting measures to the fire surroundings.

##### Special protective equipment for fire-fighters:

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

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### SECTION 6: Accidental release measures

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

Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### 6.4. Reference to other sections

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advices on safe handling

All work processes must always be designed so that the following is excluded: Inhalation  
All work processes must always be designed so that the following is excluded: Inhalation

**Precautions against fire and explosion:**

Always close containers tightly after the removal of product. Use only in well-ventilated areas.

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

**Requirements for storage rooms and vessels**

Only use the material in places where open light, fire and other flammable sources can be kept away. Use only in well-ventilated areas.

**Hints on joint storage**

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

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

**8.1. Control parameters**

**occupational exposure limit value**

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

**Substance with a common (EC) occupational exposure limit value.**

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

**DNEL-/PNEC-values**

**DNEL value**

Substance:	CAS-No.:	DNEL/DMEL

**PNEC Value**

Substance:	CAS-No.:	PNEC

**Additional information**

-

**8.2. Exposure controls**

**Occupational exposure controls:**

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**General protection and hygiene measures:**

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

**Personal protection equipment**

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**Respiratory protection**

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**Hand protection**

Suitable gloves type: NBR (Nitrile rubber).

**Eye/face protection**

Eye glasses with side protection

**Body protection:**

lab coat

**Environmental exposure controls**

-

**Consumer exposure controls**

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**Exposure Scenario:**

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## SECTION 9: Physical and chemical properties

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

**Appearance**

**Physical state:** Liquid  
**Colour:** various  
**Odour:** -  
**Odour threshold:** -

**Safety relevant basis data**

	parameter	Value	unit	Remark
<b>pH:</b>				No data available
<b>Melting point/freezing point:</b>				No data available
<b>Initial boiling point and boiling range:</b>				No data available
<b>Flash point:</b>		>150	°C	
<b>Evaporation rate:</b>				No data available
<b>Flammability (solid, gas):</b>				No data available
<b>Explosivity:</b>				No data available
<b>Upper flammability or explosive limits:</b>				No data available
<b>lower flammability or explosive limits:</b>				No data available
<b>Vapour pressure:</b>				No data available
<b>Vapour density:</b>				No data available
<b>Relative density:</b>				No data available
<b>Density:</b>		1,1	g/cm <sup>3</sup>	
<b>Soluble (g/L) in:</b>				No data available
<b>Water solubility (g/L):</b>				No data available
<b>Fat solubility (g/L):</b>				No data available
<b>Partition coefficient: n-octanol/water:</b>				No data available
<b>Ignition temperature:</b>				No data available
<b>Decomposition temperature:</b>				No data available
<b>Viscosity:</b>		ca. 700-1200	Pa*s	
<b>Oxidizing properties:</b>				No data available

### 9.2. Other information

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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

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## 10.2. Chemical stability

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## 10.3. Possibility of hazardous reactions

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## 10.4. Conditions to avoid

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## 10.5. Incompatible materials

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## 10.6. Hazardous decomposition products

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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M-factor: -

Acute toxicity (oral): -

Acute toxicity (dermal): -

Acute toxicity (inhalative): -

Acute toxicity

-

Skin corrosion/irritation:

-

Serious eye damage/irritation:

-

Respiratory or skin sensitisation:

-

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

Carcinogenicity:

-

Germ cell mutagenicity:

-

Reproductive toxicity:

-

STOT-single exposure:

-

STOT-repeated exposure:

-

Aspiration hazard:

-

## SECTION 12: Ecological information

### 12.1. Toxicity

none

Ecotoxicity

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### 12.2. Persistence and degradability

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### 12.3. Bioaccumulative potential

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### 12.4. Mobility in soil

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### 12.5. Results of PBT and vPvB assessment

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### 12.6. Other adverse effects

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Appropriate disposal/Product:**

Dispose of waste according to applicable legislation.

**Appropriate disposal / Package**

Dispose of waste according to applicable legislation.

**List of proposed waste codes / waste designations according to EWC / AVV**

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**Waste key product:**

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**Waste key packaging:**

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## SECTION 14: Transport information

### 14.1. UN number

UN No.:

-

### 14.2. UN proper shipping name

Land transport (ADR/RID)

-

-

Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

-

-

### 14.3. Transport hazard class(es)

Hazard label(s) / Label: - Classification code: / Classification Code: -

#### 14.4. Packing group

Packing group/ Packing Group: -

#### 14.5. Environmental hazards

ADR/RID / IMDG / ICAO-TI / IATA-DGR:  
Marine pollutant:

Yes

  

No

  

#### 14.6. Special precautions for user

Land transport (ADR/RID)

transport category: - tunnel restriction code: -  
Special provisions: - Limited quantity (LQ): -

Sea transport (IMDG)

EmS-No: -  
Special provisions: - Limited quantity (LQ): -

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remark -

### SECTION 15: Regulatory information

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

##### EU legislation

Information on Regulation (EC) No 166/2006 establishing a European Pollutant Release and Transfer Register:

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Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer:

-

Regulation (EC) No. 648/2004 (Detergents regulation)

-

Regulation (EC) No 850/2004 [POP-Regulation]:

-

Regulation (EU) No 649/2012 on the export and import of dangerous chemicals:

-

Use restriction according to REACH annex XVII, no.:

-

##### National regulations

Observe in addition any national regulations!

Restrictions of occupation

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Other regulations, restrictions and prohibition regulations



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## 15.2. Chemical Safety Assessment

For this preparation a chemical safety assessment has been carried out. -

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## SECTION 16: Other information

Relevant H- and EUH-phrases (Number and full text):  
Hazard statements

Training advice

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Recommended restrictions of use:

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Further remarks:

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Documentation of changes:

-

Key literature references and sources for data

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Abbreviations and acronyms

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