

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

### Product identifier

Name of product primosplint

### Manufacturer/distributor

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### Advice

F&E  
Fax +49 (0)6172-99770-99

### Emergency advice

Giftinformationszentrum Universitätsklinikum Mainz  
Phone +49 (0)6131-19240

### Recommended intended purpose(s)

dental use

## 2. Hazards identification

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

R52

R53

### R-phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Labelling according to 67/548/EEC or 1999/45/EC

### R-phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### S-phrases

24/25

Avoid contact with skin and eyes.

35

This material and its container must be disposed of in a safe way.

61

Avoid release to the environment. Refer to special instructions/safety data sheets.

## ! 3. Composition/information on ingredients

### ! Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
72869-86-4	276-957-5	7,7,9-(bzw. 7,9,9)Trimethyl-4, 13-dioxo-3, 14-dioxa-5,12-diaza-hexadecan-1, 16-diol-dimethacrylat	20 - 50	R 52/53
42594-17-2		tricyclodecyl dimethanol diacrylate	< 20	Xi R38



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#### 4. First aid measures

**In case of inhalation**

Remove the casualty into fresh air and keep him immobile.  
In the event of symptoms refer for medical treatment.

**In case of skin contact**

In case of contact with skin wash off with soap and water.  
Consult a doctor if skin irritation persists.

**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

Do not induce vomiting.  
Seek medical advice immediately.

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#### 5. Firefighting measures

**Suitable extinguishing media**

Foam  
Dry powder  
Carbon dioxide

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

water

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

Fire gas of organic material has to be classed invariably as respiratory poison.

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply ( isolated ).  
Wear full protective clothing.

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#### 6. Accidental release measures

**Personal precautions**

Ensure adequate ventilation.  
Use personal protective clothing.

**Environmental precautions**

Collect contaminated water / firefighting water separately.

**Methods for cleaning up**

Send in suitable containers for recovery or disposal.  
Take up mechanically.

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#### ! 7. Handling and storage

**Advice on safe handling**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking

**Requirements for storage rooms and vessels**

Keep in closed original container.

**Advice on storage compatibility**

Do not store with oxidizing agents.  
Do not store together with food.

# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 22.07.2011

Revision 01.06.2011 (GB) Version 2.4

**primosplint**



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*advanced laboratory systems*

## ! Further information on storage conditions

Storage temperature between 4°C to 25°C.

Keep container tightly closed and store at cool and aired place.

Protect from light.

## 8. Exposure controls/personal protection

### Respiratory protection

no

### Hand protection

Protective gloves

### Skin protection

Light protective clothing.

### Hygiene measures

Clean skin thoroughly after working.

## ! 9. Physical and chemical properties

### Form

pasty

### Colour

translucent

### Odour

hardly noticeable

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>boiling point</b>					not applicable
<b>Flash point</b>					not applicable
<b>Flammable solid</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Lower explosion limit</b>					not determined
<b>Upper explosion limit</b>					not determined
<b>Density</b>					not determined
<b>Solubility in water</b>					more or less insoluble
<b>Solubility/other</b>					not determined

## 10. Stability and reactivity

### Conditions to avoid

Reactions with light.

Protect from heat.

### Materials to avoid

Reactions with oxidising agents.

Reactions with peroxides.

If heating up polymerisation.



## 11. Toxicological information

### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 2000 mg/kg	rat	OECD 401	Information concerns to main component.
<b>Irritability skin</b>	low irritant effect - not necessary to label			
<b>Irritability eye</b>	low irritant - no labeling duty			

### Experiences made from practice

Possible sensitization in case of persons suffering from hypersensitivity.

## 12. Ecological information

### Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
<b>Biological degradability</b>				not readily degradable

### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	not determined			

### General regulation

Do not allow uncontrolled leakage of product into the environment.

The information to ecology refers to main component.

## ! 13. Disposal considerations

### Waste code No.

07 02 08\*

### Name of waste

other still bottoms and reaction residues

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

### ! Recommendations for the product

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

### ! Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.

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**! 14. Transport information**

**! Transport/further information**

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

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**15. Regulatory information**

**National regulations**

<b>Water hazard class</b>	1	self-classification
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**16. Other information**

**Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

**Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)**

R 38 Irritating to skin.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.