

# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 22.07.2011

Revision 24.06.2009 (GB) Version 3.2

**primopattern LC Gel**



**primotec**<sup>®</sup>

*advanced laboratory systems*

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

### Product identifier

**Name of product** primopattern LC Gel

### Manufacturer/distributor

primotec - Joachim Mosch e.K.  
Tannenwaldallee 4, 61348 Bad Homburg, Deutschland  
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E-Mail [primotec@primogroup.de](mailto:primotec@primogroup.de)  
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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)

light curing dental resin

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## 2. Hazards identification

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

#### Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives.

#### Information pertaining to special dangers for human and environment

no

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## 3. Composition/information on ingredients

### Description

preparation of acrylic resins, fillers and initiators

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## 4. First aid measures

### In case of inhalation

Ensure of fresh air.

### In case of skin contact

In case of contact with skin wash off with soap and water.

### In case of eye contact

In case of contact with eyes rinse thoroughly with water.  
Call for a doctor immediately.

### In case of ingestion

Do not induce vomiting.  
Call for a doctor immediately.

### Physician's information / possible symptoms

Allergic symptoms

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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

Full water jet

### 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 ).

### Additional information

Cool endangered containers with water spray jet.

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## 6. Accidental release measures

### Personal precautions

Ensure adequate ventilation.  
Use personal protective clothing.

### Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### Methods for cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).  
Disposal according to regulations.

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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 together with food.

### Further information on storage conditions

Store only at temperature of 30°C maximum (=86°F).  
Protect from light.

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## 8. Exposure controls/personal protection

### Respiratory protection

no

### Hand protection

Gloves (solvent-resistant)

### Eye protection

safety goggles

### Skin protection

Light protective clothing.

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### Hygiene measures

Clean skin thoroughly after working.  
Keep away from food and drink.

## 9. Physical and chemical properties

<b>Form</b> gel	<b>Colour</b> colourless	<b>Odour</b> characteristic
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### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>Flash point</b>	> 150 °C				
<b>Flammable solid</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not determined				
<b>Autoignition</b>	not applicable				
<b>Density</b>	ca. 1,1 g/cm <sup>3</sup>				
<b>Solubility in water</b>					more or less insoluble
<b>Solubility/other</b>					soluble in organic solvent
<b>Partition coefficient (log p<sub>OW</sub>)</b>					not determined
<b>Viscosity dynamic</b>	ca. 250 Pa*s				

## 10. Stability and reactivity

### Conditions to avoid

Reactions with strong oxidising agents.  
Reactions with peroxides.  
Reactions with light.  
Risk of polymerisation.  
Reactions with alkalis.

## 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>	non-irritant	rabbit	OECD 404	
<b>Irritability eye</b>	non-irritant	rabbit eye	OECD 405	



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## 12. Ecological information

### General regulation

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.  
The information to ecology refers to main component.

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## 13. Disposal considerations

Waste code No.	Name of waste
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07 02 08\*

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

Can be disposed of together with household refuse after compaction in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

### Recommendations for packaging

Uncontaminated packaging may be taken for recycling.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

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## 14. Transport information

### Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations

### 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		
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Water hazard class

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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.