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

Product identifier

Name of product primopattern LC Gel

Manufacturer/distributor

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Advice

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Fax +49 (0)6172-99770-99

Emergency advice

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Phone +49 (0)6131-19240

Recommended intended purpose(s)

light curing dental resin

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

3. Composition/information on ingredients

Description

preparation of acrylic resins, fillers and initiators

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

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.

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.

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.

8. Exposure controls/personal protection

Respiratory protection

no

Hand protection

Gloves (solvent-resistant)

Eye protection

safety goggles

Skin protection

Light protective clothing.

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[®]

advanced laboratory systems

Hygiene measures

Clean skin thoroughly after working.

Keep away from food and drink.

9. Physical and chemical properties

Form
gel

Colour
colourless

Odour
characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	> 150 °C				
Flammable solid	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not determined				
Autoignition	not applicable				
Density	ca. 1,1 g/cm ³				
Solubility in water					more or less insoluble
Solubility/other					soluble in organic solvent
Partition coefficient (log p_{OW})					not determined
Viscosity dynamic	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
LD50 acute oral	> 2000 mg/kg	rat	OECD 401	Information concerns to main component.
Irritability skin	non-irritant	rabbit	OECD 404	
Irritability eye	non-irritant	rabbit eye	OECD 405	

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.

13. Disposal considerations

Waste code No.	Name of waste
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.

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.

15. Regulatory information

National regulations

Water hazard class	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.