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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Name of product</b>	metablue
<b>Manufacturer/distributor</b>	primotec – Joachim Mosch e.K. Tannenwaldallee 4, 61348 Bad Homburg, Germany Telefon: +49 (0)6172-99770-0, Telefax: +49 (0)6172-99770-99 E-Mail: primotec@primogroup.de Internet: www.primogroup.de
<b>Advice</b>	F&E Telefax +49(0)6172-99770-99
<b>Emergency advice</b>	Giftinformationszentrum Universitätsklinikum Mainz Telefon +49(0)6131-19240
<b>Recommended intended purpose(s)</b>	light curing dental resin

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## 2. HAZARDS IDENTIFICATION

**Special hazards information for humans and environment**  
No

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization**  
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. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**  
Foam  
Dry powder  
Carbon dioxide

**Extinguishing media which must not be used for safety reasons**  
Full water jet

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**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**  
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  
**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

	<u>Value</u>	<u>Temperature</u>	<u>at</u>	<u>Method</u>	<u>Remark</u>
<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 1 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 alkalies.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity/Irritability/Sensitization

	<u>Value/Validation</u>	<u>Species</u>	<u>Method</u>	<u>Remark</u>
<b>LD 50 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
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 hazardous material as defined by the prescriptions.

### Transport/further information

No hazardous material as defined by the prescriptions.

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## 15. REGULATORY INFORMATION

### Remarks for classification

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

### 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.