

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### primopoly Base

Print date: 04.05.2015

Product code: 563

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

### 1.1. Product identifier

primopoly Base

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

#### Use of the substance/mixture

dental use

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

Company name:	primotec - Joachim Mosch e.K	
Street:	Tannenwaldallee 4	
Place:	D-61348 Bad Homburg	
Telephone:	+49 (0)6172-997700-0	Telefax: +49 (0)6172-997700-99
e-mail:	primotec@primogroup.de	
Internet:	www.primogroup.de	
Responsible Department:	F&E	
	Telefax +49 (0)6172-997700-99	

### 1.4. Emergency telephone

**number:** Giftinformationszentrum Universitätsklinikum Mainz

Telefon +49 (0)6131-19240

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

R phrases:

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

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

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

Pictograms: GHS09



#### Hazard statements

H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local regulation.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Polyol formula with fillers

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#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
	Aluminosilicate	2,5 < 10 %
1318-02-1	Acute Tox. 4, Acute Tox. 4; H312 H332	
	N,N,N',N'-Tetrakis(2-hydroxypropyl)ethylenediamine	2,5 < 10 %
102-60-3	Xi - Irritant R36	
	Eye Irrit. 2A; H319	
	bis(isopropyl)naphthalene	2,5 < 10 %
38640-62-9	Xn - Harmful, N - Dangerous for the environment R51-53-65	
	Asp. Tox. 1, Aquatic Chronic 1 (M-Factor = 1); H304 H410	

Full text of R-, H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours. Take off all contaminated clothing immediately.

#### After inhalation

Provide fresh air. Medical treatment necessary.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. Medical treatment necessary.

#### After contact with eyes

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. Consult an ophthalmologist.

#### After ingestion

Medical treatment necessary.

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

No information available.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam. Extinguishing powder, Carbon dioxide, Atomized water.

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

In case of fire may be liberated: Carbon monoxide. Carbon dioxide Hazardous decomposition products

### 5.3. Advice for firefighters

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

#### Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water

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separately. Do not allow entering drains or surface water.

#### SECTION 6: Accidental release measures

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

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

##### 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). Treat the recovered material as prescribed in the section on waste disposal.

##### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### **Advice on safe handling**

Provide good room ventilation.

###### **Advice on protection against fire and explosion**

No special measures are necessary.

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

###### **Requirements for storage rooms and vessels**

Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C.

###### **Advice on storage compatibility**

Do not store together with:  
Oxidising agent  
food  
Alkali (lye)

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

##### 8.1. Control parameters

##### 8.2. Exposure controls

###### **Protective and hygiene measures**

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

###### **Eye/face protection**

tightly fitting goggles

###### **Hand protection**

nitrile rubber gloves (0.7 mm), Break through time ca. 480 min (EN 374).  
Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

###### **Skin protection**

Wear suitable protective clothing.

###### **Respiratory protection**

none

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## SECTION 9: Physical and chemical properties

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

Physical state: liquid  
Colour: whitish  
Odour: characteristic

#### Test method

pH-Value: not determined

#### Changes in the physical state

Melting point: not determined  
Initial boiling point and boiling range: > 200 °C DIN 53171  
Flash point: > 100 °C

#### Flammability

Solid: not applicable  
Gas: not applicable

Lower explosion limits: not determined  
Upper explosion limits: not determined

#### Auto-ignition temperature

Solid: not applicable  
Gas: not applicable

Decomposition temperature: not determined  
Vapour pressure: not determined

Density (at 20 °C): 1,69 g/cm<sup>3</sup>  
Water solubility: partially soluble

Partition coefficient: not determined

Viscosity / dynamic:  
(at 20 °C) 2500 mPa·s ISO 9371

Vapour density: not determined

Evaporation rate: not determined

### 9.2. Other information

Solid content: not determined

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C.

### 10.5. Incompatible materials

Oxidising agent

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#### 10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide Hazardous decomposition products  
 Nitrogen oxides (NO<sub>x</sub>)

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
1318-02-1	Aluminosilicate				
	dermal	ATE	1100 mg/kg		
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		
38640-62-9	bis(isopropyl)naphthalene				
	oral	LD50	> 4000 mg/kg	Rat	
	dermal	LD50	> 4000 mg/kg	Rat	
	inhalative (4 h) vapour	LC50	5,6 mg/l	Rat	OECD 403 (Aerosol)

##### Irritation and corrosivity

Based on available data, the classification criteria are not met.

##### Sensitising effects

Based on available data, the classification criteria are not met.

Possible sensitization in case of persons suffering from hypersensitivity.

##### STOT-single exposure

Based on available data, the classification criteria are not met.

##### Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

##### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

##### Aspiration hazard

Based on available data, the classification criteria are not met.

##### Further information

Product has not been tested. The statement is derived from the properties of the components.

### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
38640-62-9	bis(isopropyl)naphthalene					
	Crustacea toxicity	NOEC	0,013 mg/l	21 d	Daphnia magna (Big water flea)	OECD 202, part 2

#### 12.2. Persistence and degradability

The product has not been tested.

#### 12.3. Bioaccumulative potential

The product has not been tested.

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#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

#### 12.6. Other adverse effects

No information available.

#### Further information

Do not allow uncontrolled discharge of product into the environment. Do not allow to enter into surface water or drains.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. Smaller quantities and/or residues: May be disposed of in household waste landfill.

##### Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

#### Inland waterways transport (ADN)

##### Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.

#### Marine transport (IMDG)

**14.1. UN number:** UN 3082

**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bis(isopropyl)naphthalin), MARINE POLLUTANT

**14.3. Transport hazard class(es):** 9

**14.4. Packing group:** III

Hazard label: 9

Special Provisions: 274, 335

Limited quantity: 5 L

Excepted quantity: E1

EmS: F-A, S-F

##### Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

#### Air transport (ICAO)

**14.1. UN number:** UN 3082

**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bis(isopropyl)naphthalin)

**14.3. Transport hazard class(es):** 9

**14.4. Packing group:** III

Hazard label: 9

Special Provisions: A97 A158

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Limited quantity Passenger:	30 kg G
Passenger LQ:	Y964
Excepted quantity:	E1
IATA-packing instructions - Passenger:	964
IATA-max. quantity - Passenger:	450 L
IATA-packing instructions - Cargo:	964
IATA-max. quantity - Cargo:	450 L

#### Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

#### 14.6. Special precautions for user

No information available.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

2004/42/EC (VOC): 0,40 %

##### National regulatory information

Water contaminating class (D): 3 - highly water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### Relevant R-phrases (Number and full text)

36	Irritating to eyes.
51	Toxic to aquatic organisms.
53	May cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.

#### Relevant H- and EUH-phrases (Number and full text)

H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of

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the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*