



## SAFETY DATA SHEET

### PREMISE (all other shades)

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

##### 1.1. Product identifier

**Product name** PREMISE (all other shades)

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

**Applications** Dental impression material.

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

**Supplier** Kerr Italia S.r.l.  
Via Passanti, 332  
84018 Scafati (SA) - Italy  
Tel: +39-081-850-8311  
E-mail: [safety@kerrhawe.com](mailto:safety@kerrhawe.com)

**Contact person** E-mail: [safety@kerrhawe.com](mailto:safety@kerrhawe.com) (Mobile Phone number 08.00 – 23.00:  
+39-340.1721884)

**Manufacturer** Kerr Italia S.r.l.  
Via Passanti, 332  
84018 Scafati (SA) - Italy  
Tel: +39-081-850-8311  
E-mail: [safety@kerrhawe.com](mailto:safety@kerrhawe.com)

##### 1.4. Emergency telephone number

**Emergency telephone number** 112 # The UK National Poisons Emergency number: +44 870 600 6266 WEB:  
<http://www.toxbase.org>  
CHEMTREC® Emergency Call Center. Emergency Telephone Number (for USA only)  
001-800-424-9300  
International and Maritime Telephone Number +1 (703) 527-3887

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**Classification according to directives** -  
67/548/EEC, 99/45/EC & 2001/58/EC  
(DSD/DPD)

**Classification according to directive**  
1272/2008 (CLP) EUH210  
EUH208

**Hazard** The product is seen as a medical device and therefore not subject to labelling, regulation (EC) no 1272/2008 of the european parliament and of the council, article 1d; Medical devices as defined in Directives 90/385/EEC and 93/42/EEC, which are invasive or used in direct physical contact with the human body, and in Directive 98/79/EC.

##### 2.2. Label elements

**CLP**

**Hazard statements** EUH210 Safety data sheet available on request.  
EUH208 Contains dibenzoyl peroxide. May produce an allergic reaction.

**Contains** dibutyl phthalate, DBP  
dibenzoyl peroxide

titanium dioxide  
metakrylat ester monomer

### 2.3. Other hazards

Meets the criteria for vPvB	No.
Meets the criteria for PBT	No.
Other hazards which do not contribute to classification	No known risks.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Ingredients

Name	EC No.	CAS No.	Content	Symbol	Classification
dibutyl phthalate, DBP	201-557-4	84-74-2	<0,5 %	T ,N	R-50, R-62, R-61
dibenzoyl peroxide	202-327-6	94-36-0	<1 %	Xi ,E	R-3, R-7, R-36, R-43
titanium dioxide	236-675-5	13463-67-7		-	
metakrylat ester monomer				-	

#### CLP

Name	REACH No.	Content	Symbol	Classification	CAS No.
dibutyl phthalate, DBP	01-21194930 42-44	<0,5 %	GHS09, GHS08, , Danger	Repr. 1B: H360Df, Aquatic Acute 1: H400	84-74-2
dibenzoyl peroxide	01-21195114 72-50	<1 %	GHS01, GHS07, GHS02, , Danger	Org. Perox. B: H241, Skin Sens. 1: H317, Eye Irrit. 2: H319	94-36-0
titanium dioxide	01-21194893 79-17				13463-67-7
metakrylat ester monomer					

Section 16 contains detailed classification phrases.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	General first aid, rest, warmth and fresh air. Contact physician if discomfort continues.
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### 4.2. Most important symptoms and effects, both acute and delayed

Specific first aid treatment	No specific first aid measures noted.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin	Wash skin with soap and water.
Eyes	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Extinguishing media</b>	Foam, carbon dioxide or dry powder.
<b>Special fire fighting procedures</b>	Use supplied air respirator if substance is involved in a fire. Containers close to fire should be removed or cooled with water.
<b>5.2. Special hazards arising from the substance or mixture</b>	
<b>Specific hazards</b>	Non-flammable. Heating could result in rapid polymerization, which results in strong heat generation.
<b>Hazardous combustion products</b>	Fire creates: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).
<b>5.3. Advice for firefighters</b>	
<b>Protective measures in fire</b>	Firefighters exposed to combustion gases/decomposition products should use a respiratory protective device.

## SECTION 6: Accidental release measures

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

<b>Personal protection</b>	Wear appropriate personal protective equipment - see Section 8.
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### 6.2. Environmental precautions

<b>Environmental protection</b>	Do not allow to enter drains, sewers or watercourses.
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### 6.3. Methods and material for containment and cleaning up

<b>Spill cleanup methods</b>	Collect for reclamation or absorb in vermiculite, dry sand or similar material.
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### 6.4. Reference to other sections

See section 13 for waste handling.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store at ambient temperature in dry, well-ventilated area. Keep in original container. Keep containers tightly closed. Keep away from heat, sparks and open flame. Store separated from: Oxidising material. Amines. Peroxides.
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### 7.3. Specific end use(s)

<b>Specific use(s)</b>	Contact supplier for more information.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Ingredient name	CAS no.	Reference	LT Exp 8 Hrs	ST Exp 15 Min	Date
dibutyl phthalate, DBP	84-74-2	WEL.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
dibenzoyl peroxide	94-36-0	WEL.	5 mg/m <sup>3</sup>		
titanium dioxide	13463-67-7	WEL.	10 mg/m <sup>3</sup>		

<b>Ingredient comments</b>	WEL = Workplace exposure limits. SK= Skin absorbance, Rep= Reproduction, Carc= Carcinogenic Senz= Sensitisers, Mut= Carcinogenic
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### Protective equipment



<b>Ventilation</b>	Provide adequate general and local exhaust ventilation.
<b>8.2. Exposure controls</b>	
<b>Respirators</b>	In case of inadequate ventilation: Dust filter P2 (for fine dust). Standard EN 149.
<b>Protective gloves</b>	Use protective gloves made of: Impermeable material. Neoprene. Time of breakthrough is not known, change gloves regularly. Suitable glove must be chosen in consultation with the gloves supplier, giving information of the breakthrough time for the glove material. Standard EN 374.
<b>Eye protection</b>	Under normal conditions of use eye protection is not required.
<b>Other Protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygienic work practices</b>	Wash at the end of each work shift and before eating, smoking and using the toilet.
<b>DNEL</b>	No data.
<b>PNEC</b>	No data.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Paste.	
<b>Odour</b>	Fruity. Ester.	
<b>Solubility description</b>	Insoluble in water.	
<b>Density (g/cm<sup>3</sup>)</b>	2,4	<b>Temperature (°C)</b>

### 9.2. Other information

<b>Safety information</b>	Not known.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No reactive groups.

### 10.2. Chemical stability

Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

<b>Hazardous polymerisation</b>	May polymerise. Stabilized with non-hazardous polymerization inhibitors.
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### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong reducing agents. Strong oxidising agents. Peroxides. Amines.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomp. products</b>	No hazardous decomposition products are emitted at recommended use and storage conditions.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Sensitization</b>	No allergic reaction is known.
<b>Genotoxicity</b>	No known heritable or mutagenic effects.
<b>Carcinogenicity</b>	No evidence of carcinogenic properties.
<b>Reproduction toxicity</b>	No known hazardous effects on reproduction, fertility or to the unborn child.
<b>Inhalation</b>	Prolonged or repeated exposure to this chemical may cause: Upper respiratory irritation.
<b>Ingestion</b>	Uncured material may be harmful if swallowed.

<b>Skin</b>	Prolonged or repeated contact may cause irritation.
<b>Eyes</b>	Direct contact may irritate.
<b>COMPONENT:</b>	<b>dibutyl phthalate, DBP</b>
<b>Toxicology data</b>	Acute toxicity. TDL0 Oral. Human. 140 mg/kg (CNS)
<b>Toxic dose - LD50:</b>	3050 mg/kg (oral rat)
<b>Toxic dose - LD50 (skin):</b>	8000 mg/kg (skin rabbit)
<b>Toxic conc. - LC50:</b>	>15,68 mg/l/4h (inhalation rat)
<b>COMPONENT:</b>	<b>dibenzoyl peroxide</b>
<b>Toxic dose - LD50:</b>	7710 mg/kg (oral rat)
<b>Toxic conc. - LC50:</b>	7 mg/l/4h (inhalation rat)

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Ecotoxicity</b>	Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.
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### 12.2. Persistence and degradability

Unknown.

### 12.3. Bioaccumulative potential

Unknown.

### 12.4. Mobility in soil

<b>Mobility</b>	The product is insoluble in water.
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### 12.5. Results of PBT and vPvB assessment

<b>PTB/vPvB</b>	Component(s) is not identified as a PBT or vPvB-substance.
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### 12.6. Other adverse effects

No known information.

<b>COMPONENT:</b>	<b>dibutyl phthalate, DBP</b>
<b>LC 50, 96 Hrs, Fish mg/l:</b>	0,71 (Lepomis macrochirus)
<b>EC 50, 48 Hrs, Daphnia, mg/l:</b>	3,4 (Daphnia magna)
<b>IC 50, 72 Hrs, Algae, mg/l:</b>	1,2 (Scenedesmus subspicatus)
<b>Bioaccumulative potential</b>	BCF:12
<b>Partition coefficient (log Pow)</b>	4,57
<b>Persistence and degradability</b>	BOD5/COD: 0,63 98 % deg., 30 days, Method: OECD 301C
<b>COMPONENT:</b>	<b>dibenzoyl peroxide</b>
<b>LC 50, 96 Hrs, Fish mg/l:</b>	0,24 (Oryzias latipes)
<b>EC 50, 48 Hrs, Daphnia, mg/l:</b>	0,07 (Daphnia magna)
<b>IC 50, 72 Hrs, Algae, mg/l:</b>	0,44 (Selenastrum)
<b>Bioaccumulative potential</b>	BCF:5,62
	Component will not bio-accumulate.
<b>Partition coefficient (log Pow)</b>	3,71
<b>Persistence and degradability</b>	BOD: 84 % (MITI)

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>General/cleaning</b>	Product is not hazardous waste.
<b>Disposal methods</b>	Dispose of in accordance with Local Authority requirements. Collect in marked containers and deliver to approved depot.
<b>Waste class</b>	18 01 07 chemicals other than those mentioned in 18 01 06

## SECTION 14: Transport information

**General** No dangerous goods (ADR/RID, IMDG, IATA/ICAO)

**ROAD TRANSPORT (ADR):**

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

**RAIL TRANSPORT (RID):**

**SEA TRANSPORT (IMDG):**

**TRANSPORT BY INLAND WATERWAYS (ADN):**

14.4. Packing group

14.5. Environmental hazards

Transport by inland waterways  
notes

Not applicable.

14.6. Special precautions for user

No particular precautions.

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

No IBC-code for bulk transport offshore (MARPOL).

## SECTION 15: Regulatory information

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

**EU directives**

Medical, invasive equipment, EU-regulation 1272/2008, article 1, paragraph 5d, EU-regulation 453/2010/EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

### 15.2. Chemical safety assessment

**Chemical Safety Assessment**

Chemical Safety Report (CSR) has not been carried out for this product.

## SECTION 16: Other information

**Explanations to R-phrases in section 3**

R-3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.  
R-36 Irritating to eyes.  
R-43 May cause sensitisation by skin contact.  
R-50 Very toxic to aquatic organisms.  
R-61 May cause harm to the unborn child.  
R-62 Possible risk of impaired fertility.  
R-7 May cause fire.

**Explanations to classification in section 3**

H241 Heating may cause a fire or explosion.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H360Df May damage the unborn child. Suspected of damaging fertility.  
H400 Very toxic to aquatic life.

**DSD/DPD**

**\* Information revised since the previous version of the SDS**

**Revision comments**

Revision 20.05.2014, no. 1: supersedes safety data sheet of 15.04.2013. Prepared in CLP-format. No change in composition or classification.

**Issued by**

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**Signature**

R. E. Lunde

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