

Safety Data Sheet

according to Regulation (EC) No 1907/2006

els composite

Print date: 01.07.2014

Product code: 01

Page 1 of 5

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

els composite

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name:	Saremco Dental AG	
Street:	Gewerbestrasse 4	
Place:	CH-9445 Rebstein	
Telephone:	+41 71 775 80 90	Telefax: +41 71 775 80 99
e-mail:	info@saremco.ch	
Contact person:	Dr. Christoph Evers	Telephone: +41 71 775 80 60
e-mail:	Christoph.evers@saremco.ch	
Internet:	www.saremco.ch	
Responsible Department:	Vigilance	

1.4. Emergency telephone number:CH: 145
Ausland: +41 44 251 51 51**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**Indications of danger: Xi - Irritant
R phrases:
Risk of serious damage to eyes.
May cause sensitisation by skin contact.**2.2. Label elements**

Danger symbols: Xi - Irritant



Xi - Irritant

Hazardous components which must be listed on the labelethox. BisGMA
BISPHENOL A GLYCEROLATE DIMETHACRYLATE**R phrases**41 Risk of serious damage to eyes.
43 May cause sensitisation by skin contact.**S phrases**02 Keep out of the reach of children.
24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
46 If swallowed, seek medical advice immediately and show this container or label.
37/39 Wear suitable gloves and eye/face protection.**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Safety Data Sheet

according to Regulation (EC) No 1907/2006

els composite

Print date: 01.07.2014

Product code: 01

Page 2 of 5

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	ethox. BisGMA	15 - < 20 %
41637-38-1	Xi - Irritant R36/37/38-43	
216-367-7	BISPHENOL A GLYCEROLATE DIMETHACRYLATE	10 - < 15 %
1565-94-2	Xi - Irritant R41-43	
	Eye Dam. 1; H318	
233-814-1	dl-Bornan-2,3-dion	< 0.1 %
10373-78-1	Xi - Irritant R36/37/38	
	Skin Irrit. 2, Eye Irrit. 2A; H315 H319	
	Iron Oxide black	< 0.1 %
1317-61-9		
215-168-2	Diiron Trioxide Red	< 0.1 %
1309-37-1	Xi - Irritant R36/37/38	
	Skin Irrit. 2, Eye Irrit. 2A, STOT SE 3; H315 H319 H335	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with generous amount of water. Change contaminated clothing.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink large quantities of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area.

5.2. Special hazards arising from the substance or mixture

The product itself is not combustible.

5.3. Advice for firefighters

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

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

els composite

Print date: 01.07.2014

Product code: 01

Page 3 of 5

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically. Treat the assimilated material according to the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1309-37-1	Rouge, total inhalable	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls

Protective and hygiene measures

Take off immediately all contaminated clothing. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: viscous
 Colour:
 Odour: characteristic

Test method

Changes in the physical state

Flash point: 110 °C
 Density (at 20 °C): 2.2 g/cm³
 Solvent content: 0.01 %, water: 0.26 %

9.2. Other information

Solid content: 71.23 %

SECTION 10: Stability and reactivity

10.2. Chemical stability

Sensitivity to light.

10.4. Conditions to avoid

UV-radiation/sunlight.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Safety Data Sheet

according to Regulation (EC) No 1907/2006

els composite

Print date: 01.07.2014

Product code: 01

Page 4 of 5

Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
1317-61-9	Iron Oxide black				
	oral	LD50	> 5000 mg/kg	Rat.	

Irritation and corrosivity

Irritating to eyes. Risk of serious damage to eyes.

Sensitising effects

May cause sensitization by skin contact.

Additional information on tests

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
1317-61-9	Iron Oxide black					
	Acute fish toxicity	LC50	> 1000 mg/l	96 h	Leuciscus idus (golden orfe)	

Further information

Do not empty into drains or the aquatic environment. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations.

Contaminated packaging

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)

Other applicable information (marine transport)

Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO)

Other applicable information (air transport)

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

Safety Data Sheet

according to Regulation (EC) No 1907/2006

els composite

Print date: 01.07.2014

Product code: 01

Page 5 of 5

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**EU regulatory information**

1999/13/EC (VOC): 0.009 %

National regulatory information

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

SECTION 16: Other information**Full text of R phrases referred to under Sections 2 and 3**

36/37/38 Irritating to eyes, respiratory system and skin.
41 Risk of serious damage to eyes.
43 May cause sensitisation by skin contact.

Full text of H statements referred to under Sections 2 and 3

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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