

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## els cem Katalysator

Print date: 17.07.2015

Product code: D300102

Page 1 of 7

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

#### 1.1. Product identifier

els cem Katalysator

#### 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:  
Irritating to eyes and skin.  
May cause sensitisation by skin contact.

#### GHS classification

Hazard categories:  
Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Irrit. 2  
Respiratory/skin sensitization: Skin Sens. 1  
Specific target organ toxicity - single exposure: STOT SE 3  
Hazard Statements:  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause respiratory irritation.

#### 2.2. Label elements

##### Hazardous components which must be listed on the label

Ethoxylated Bisphenol A Dimethacrylate

Signal word: Warning

Pictograms: GHS07



##### Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## els cem Katalysator

Print date: 17.07.2015

Product code: D300102

Page 2 of 7

H335 May cause respiratory irritation.

### Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 Wash ... thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P321 Specific treatment (see ... on this label).  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P362 Take off contaminated clothing.  
 P363 Wash contaminated clothing before reuse.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P501 Dispose of contents/container to ....

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
246-263-7	Ethoxylated Bisphenol A Dimethacrylate	30 - < 35 %
41637-38-1	Xi - Irritant R36//38-43	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H315 H319 H317 H335	
202-327-6	dibenzoyl peroxide; benzoyl peroxide	< 1 %
94-36-0	E - Explosive, O - Oxidizing, Xi - Irritant R3-7-36-43	
617-008-00-0	Org. Perox. B, Eye Irrit. 2, Skin Sens. 1; H241 H319 H317	
204-881-4	2,6-Di-tert.-butyl-p-cresol	< 0.1 %
128-37-0	Xn - Harmful, N - Dangerous for the environment R22-36/38-51-53	
	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2; H302 H315 H319 H411	

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. When in doubt or if symptoms are observed, get medical advice.

#### After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**els cem Katalysator**

Print date: 17.07.2015

Product code: D300102

Page 3 of 7

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

**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**

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable.

**5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

**Additional information**

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

Take up mechanically. 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**

No special measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Advice on storage compatibility**

No special measures are necessary.

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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## els cem Katalysator

Print date: 17.07.2015

Product code: D300102

Page 4 of 7

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
94-36-0	Dibenzoyl peroxide	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

### 8.2. Exposure controls



#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

#### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. 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

Suitable eye protection: goggles.

#### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

Physical state:

Paste

Colour:

pH-Value:

not determined

#### Changes in the physical state

Melting point:

not determined

Initial boiling point and boiling range:

not determined

Flash point:

not applicable

#### Flammability

Solid:

not determined

Gas:

not applicable

#### Test method

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## els cem Katalysator

Print date: 17.07.2015

Product code: D300102

Page 5 of 7

Lower explosion limits: not determined

Upper explosion limits: not determined

### Auto-ignition temperature

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

### Oxidizing properties

Not oxidizing.

Vapour pressure: not determined

Density: not determined

Water solubility: insoluble

### Solubility in other solvents

not determined

Partition coefficient: not determined

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

none

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
128-37-0	2,6-Di-tert.-butyl-p-cresol				
	oral	LD50	890.0 mg/kg	Rat	

#### Additional information on tests

This mixture is classified as hazardous according to 1999/45/EC.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**els cem Katalysator**

Print date: 17.07.2015

Product code: D300102

Page 6 of 7

**SECTION 12: Ecological information****12.1. Toxicity**

Aquatic toxicity: The classification criteria for this hazard class are not met by definition.

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**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 to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****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****National regulatory information**

Employment restrictions:

Observe employment restrictions for young people.

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**els cem Katalysator**

Print date: 17.07.2015

Product code: D300102

Page 7 of 7

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%

**Full text of R phrases referred to under Sections 2 and 3**

- 03 Extreme risk of explosion by shock, friction, fire or other sources of ignition.
- 07 May cause fire.
- 22 Harmful if swallowed.
- 36 Irritating to eyes.
- 36 Irritating to eyes.
- 36/38 Irritating to eyes and skin.
- 43 May cause sensitisation by skin contact.
- 51 Toxic to aquatic organisms.
- 53 May cause long-term adverse effects in the aquatic environment.

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

- H241 Heating may cause a fire or explosion.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- 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 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.)*