

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## cmf bond

Print date: 14.06.2015

Product code: D300080

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

#### 1.1. Product identifier

cmf bond

#### 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, respiratory system and skin.  
May cause sensitisation by skin contact.

#### GHS classification

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

### 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   |                                         |             |
|            | ethox. BisGMA                           | 85 - < 90 % |
| 41637-38-1 | Xi - Irritant R36/37/38-43              |             |
|            |                                         |             |
| 278-355-8  | Trimethylbenzoyldiphenylphosphine oxide | < 1 %       |
| 75980-60-8 | Repr. Cat. 3 R62-52-53                  |             |
|            | Repr. 2, Aquatic Chronic 3; H361 H412   |             |

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

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**After inhalation**

Provide fresh air.

**After contact with skin**

Wash with plenty 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 plenty of water.

Caution if victim vomits: Risk of aspiration!

**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**

The product itself does not burn.

**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****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.

**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****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. Protect skin by using skin protective cream.

After work, wash hands and face. When using do not eat or drink.

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### SECTION 9: Physical and chemical properties

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

Physical state: liquid  
 Colour: yellow  
 Odour: odourless

#### Test method

#### Changes in the physical state

Flash point: >150 °C  
 Density (at 20 °C): 1.3 g/cm<sup>3</sup>  
 Solvent content: 0.00 %, Water: 0.03 %

#### 9.2. Other information

Solid content: 8.97 %

### SECTION 10: Stability and reactivity

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

| CAS No     | Chemical name                           |        |              |         |        |
|------------|-----------------------------------------|--------|--------------|---------|--------|
|            | Exposure routes                         | Method | Dose         | Species | Source |
| 75980-60-8 | Trimethylbenzoyldiphenylphosphine oxide |        |              |         |        |
|            | oral                                    | LD50   | > 5000 mg/kg | Rat     |        |

##### Irritation and corrosivity

Irritating to eyes. Following inhalation: Lung irritation. Coughing. shortage of breath. After skin contact: Irritant.

##### Sensitising effects

May cause sensitization by skin contact.

##### Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

### SECTION 12: Ecological information

#### Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

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.

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**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO)****Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): 0.001 %

**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.                |
| 43       | May cause sensitisation by skin contact.                        |
| 52       | Harmful to aquatic organisms.                                   |
| 53       | May cause long-term adverse effects in the aquatic environment. |
| 62       | Possible risk of impaired fertility.                            |

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

- |      |                                                      |
|------|------------------------------------------------------|
| H361 | Suspected of damaging fertility or the unborn child. |
| H412 | Harmful to aquatic life with long lasting effects.   |

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