

**Safety Data Sheet**

according to WHMIS

**els paint art**

Print date: 16.06.2015

Product code: D300065

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

els paint art

**Relevant identified uses of the substance or mixture and uses advised against****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

**Emergency telephone:** CH: 145  
Ausland: +41 44 251 51 51

**SECTION 2: Hazards identification****Classification of the substance or mixture**

Indications of danger: Xi - Irritant  
R phrases:  
Irritating to respiratory system and skin.  
Risk of serious damage to eyes.  
May cause sensitization by skin contact.

**Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
41637-38-1	ethox. BisGMA	75 - < 80 %
1565-94-2	BISPHENOL A GLYCEROLATE DIMETHACRYLATE	20 - < 25 %
75980-60-8	Trimethylbenzoyldiphenylphosphine oxide	< 1 %
1317-61-9	Iron Oxide black	< 0.1 %
1309-37-1	Diiron Trioxide Red	< 0.1 %

**SECTION 4: First aid measures****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.

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**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**

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

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

Non-flammable.

**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****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.

**Environmental precautions**

Do not allow to enter into surface water or drains.

**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.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****Precautions for safe handling****Advice on safe handling**

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

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**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**

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## Control parameters

## 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

### Information on basic physical and chemical properties

Physical state: viscous  
 Colour:  
 Odour: characteristic

### Test method

pH-Value: not determined

### Changes in the physical state

Melting point: not determined  
 Initial boiling point and boiling range: not determined  
 Flash point: 110 °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

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**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

Solvent content:

0.01 %, Water: 0.18 %

**Other information**

Solid content:

51.37 %

**SECTION 10: Stability and reactivity****Incompatible materials**

No information available.

**Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****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	
1317-61-9	Iron Oxide black				
	oral	LD50	> 5000 mg/kg	Rat	

**Additional information on tests**

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

**SECTION 12: Ecological information****Toxicity**

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

**Persistence and degradability**

The product has not been tested.

**Bioaccumulative potential**

The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Results of PBT and vPvB assessment**

The product has not been tested.

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**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****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****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****Canadian regulations**

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**SECTION 16: Other information****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.

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