

# Material Safety Data Sheet according to (EC) 1907/2006



Tradename:

**BIOPLAST® Insulating Agent**

Status: 24.06.2019

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## Section 1. Identification of the substance/preparation and of the company/undertaking

### 1.1 Product identifier

Name of product: **BIOPLAST® Insulating agent**

HS-Code: 29161400

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

#### Use of the substance/mixture

Dental use

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

#### Manufacturer / Distributor

SCHEU-DENTAL GmbH  
Am Burgberg 20  
D-58642 Iserlohn  
Tel. +49 (2374) 9288-0  
Fax +49 (2374) 9288-90

eMail: [service@SCHEU-DENTAL.com](mailto:service@SCHEU-DENTAL.com)  
Internet: [www.SCHEU-DENTAL.com](http://www.SCHEU-DENTAL.com)

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Directive 67/548/EEC or 1999/45/EC

The mixture is not classified as hazardous according to Directive 1999/45/EC.

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

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

#### Chemical characterization

Hydrous solution

Chemical name	CAS-No.	EC-No.	Quantity
Sodium water glass	1344-09-8	215-687-4	> 60 %
1,2,3 –propantriol	56-81-5	200-289-5	< 20 %
distilled water	7732-18-5	231-791-2	< 20 %
<b>TOTAL</b>			<b>100 %</b>

## Section 4. First aid measures

### 4.1 Description of first aid measures

#### General information

Take off all contaminated clothing immediately.

#### After inhalation

Provide fresh air. Medical treatment necessary.

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## After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

## After contact with eyes

In case of contact with eyes flush immediately (10 minutes) with plenty of water. Medical treatment necessary.

## After ingestion

If swallowed, rinse mouth with water. Do NOT induce vomiting. Medical treatment necessary.

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## Section 5. Firefighting measures

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### 5.1 Extinguishing media

#### Suitable extinguishing media

Alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water mist

#### Unsuitable extinguishing media

Full water jet

### 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: carbon monoxide. Wear self-contained respiratory protective device.

### 5.3 Advice for firefighters

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

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## Section 6. Accidental release measures

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

Special danger of slipping by leaking/spilling product.

Safe handling: see section 7

Personal protection equipment: see section 8

### 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.

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## Section 7. Handling and Storage

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### 7.1 Precautions for safe handling

Advice on protection against fire and explosion

### 7.2 Conditions for safe storage, including any incompatibilities

#### Advice on storage compatibility

Do not store together with: food

#### Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.

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## Section 8. Exposure controls / personal protection

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### 8.1 Control parameters

### 8.2 Exposure controls

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## Protective and hygiene measures

Take off all contaminated clothing immediately.  
Avoid contact with skin and eyes.

## Eye/face protection

Tightly fitting goggles.

## Hand protection

Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

## Skin protection

None

## Respiratory protection

None

## Environmental exposure controls

Do not allow to enter into surface water or drains.

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## Section 9. Physical and chemical properties

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### 9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	odourless

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## Section 10. Stability and reactivity

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### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

Exothermic reaction with: acids

### 10.4 Conditions to avoid

The product must not be got into groundwater, waters or canalisation.

### 10.6. Hazardous decomposition products

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## Section 11. Toxicological Information

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### 11.1 Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

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## Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

## Carcinogenic / mutagenic / toxic / effects for reproduction

Based on available data, the classification criteria are not met.

## Aspiration hazard

Based on available data, the classification criteria are not met.

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## Section 12. Ecological Information

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### 12.1 Toxicity

#### Further information

There are no data available on the mixture itself.  
Do not allow to enter into surface water or drains.

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## Section 13. Disposal considerations

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### 13.1 Waste treatment methods

#### Advice on disposal

Do not allow to enter into surface water or drains.  
Dispose according to legislation.

#### Contaminated packaging

Completely emptied packages can be recycled.  
Dispose according to legislation.

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## Section 14. Transport Information

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### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No applicable

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## Section 15. Regulatory Information

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

#### National regulatory information

#### Additional Information

Observe in addition any national regulations!

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## Section 16. Other Information

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### 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
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service (division of the American Chemical Society)
LC50	Lethal concentration, 50 %
LD50	Lethal dose, 50 %

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**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.