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

Tradename:

BIOPLAST® Insulating Agent

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 de 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
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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 %
TOTAL			**100 %**

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.

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.

Section 5. Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Alcohol resistant foam, Carbon dioxide (CO2), 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.

Section 6. Accidental release measures

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.

Section 7. Handling and Storage

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.

Section 8. Exposure controls / personal protection

8.1 Control parameters

8.2 Exposure controls

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.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	odourless

Section 10. Stability and reactivity

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
non

Section 11. Toxicological Information

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.

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.

Section 12. Ecological Information

12.1 Toxicity

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

Section 13. Disposal considerations

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.

Section 14. Transport Information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No applicable

Section 15. Regulatory Information

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

National regulatory information

Additional Information
Observe in addition any national regulations!

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
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 %

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.