

**Safety data sheet**  
**according to Regulation (EC) No. 1272 / 2008**

Revision: 01

Revised on: 05.05.2022 SW

**1. product and company name****Name of the product:****Glas-ionomer filling cement**, liquid**Use of the product (intended use):**

Glass ionomer cement with special adhesion to enamel and dentin

**Manufacturer / Supplier:**

dent a pharm Produktionsgesellschaft mbH

**Street:**

Shoemaker ring 35

**Nat. no. / postcode / city**

D-25355 Barmstedt

**Contact point for technical information**

+49 (0) 41 23 / 9225 0

**Phone / Fax / E-mail**

+49 (0) 4123 / 9225 0 / +49 (0) 4123 / 9225 48 / info@dent-a-pharm.de

**Emergency information (24 hours):**

Dr Wolfgang Willmann

Tel: +49 (0) 4123 / 9225 0

**2. possible dangers****Hazard designation:****Classification of the mixture****According to Regulation (EC) No 1272/2008:**

The mixture is not classified as dangerous in the sense of Regulation (EC) No 1272/2008.

**Labelling elements:** none**Additional risk phrases for man and environment:** WGK 1 - slightly hazardous for water -.**3. composition / information on ingredients****Tartaric acid** CAS No. 87-69-4 E.G. No. 201-766-0 Content : 5-10%.**H319** Eye Irrit. 2 - Causes severe eye irritation**4. first aid measures****General notes:**

No special measures are required.

**After skin contact:**

Wash off with soap and water.

Consult a doctor in case of skin irritation.

**After eye contact:**

Rinse the eyes with water for a sufficiently long time with the eyelids open.

Consult a doctor if irritation persists.

**After inhalation:**

After prolonged exposure, remove the affected person to fresh air.

Seek medical treatment.

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**After ingestion:**

Rinse mouth immediately and drink plenty of water; consult a doctor.

**5. fire-fighting measures**

Not applicable

**6. measures in case of accidental release****Personal precautions:**

See handling under point 7.

**Environmental protection measures:**

Do not allow to enter drains.

**Procedure for cleaning/collecting:**

Record mechanically.

**7. handling and storage****Handling****Instructions for safe handling:**

The usual precautionary measures when handling chemicals must be observed.

Always keep the bottle tightly closed. Ensure good room ventilation.

**Notes on fire and explosion protection:**

none

**Information on storage conditions:**

Store material in a well-sealed container in a cool and dark place.

Recommended packaging: Glass, metal or plastic containers.

**8. exposure controls and personal protective equipment****Occupational exposure limit values and / or biological limit values Occupational exposure limit values (AGW) Germany**

PNCE and DNCL values as they have to be determined in the context of a possible chemical safety report are not available.

**Personal protective equipment:**

Observe protective and hygienic measures. Store protective clothing separately.

The usual precautions when handling chemicals must be observed.

Respiratory protection: Do not inhale dust.

Eye protection: Safety goggles

Hand protection: Rubber gloves

Body protection: Wear normal work clothing

**Other**

Protective measures: none

**Details of the****Occupational hygiene:** Observe the usual occupational protection and hygiene measures.  
Preventive skin protection. Wash hands and face after work.  
Do not eat or drink while working.

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**9. physical and chemical properties****Appearance:**

Form: Liquid  
Odour: Acidic

**Security-relevant data:**

Melting point: not applicable  
Flash point: not applicable  
Ignition temperature: not applicable  
Explosion limits: not applicable  
Vapour pressure: non-volatile  
Bulk density: not applicable  
Solubility in water: Soluble in water

**10. stability and reactivity****Conditions to avoid:**

none

**Substances to avoid:**

none

**Further information:**

The properties of the product may change if the storage time and/or the recommended storage temperature are significantly exceeded.

**11. toxicology information****Acute toxicity:**

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

**Toxicokinetics:**

We do not have any information on this.

**Further information:**

According to our experience and the information available to us, the product has no harmful effects on health when handled and used properly.

**General information:**

We do not have any information on this.

**12. Environmental information****General notes:**

Fish toxicity: Not specified  
Water organisms: Not specified  
Bacterial toxicity: no indication  
Acute oral toxicity: Not specified

**Further information on ecology:**

Do not allow to enter waters, waste water or soil!

**Bioaccumulative potential:**

No data available.

**Result of the determination of the PTB and vPvB assessment:**

Endocrine disruption potential

It is not known whether the material triggers or prevents hormonal effects.

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**13. notes on disposal****Substance / preparation:**

Dispose of properly in accordance with local authority regulations.  
Do not allow to enter drains.

**Packaging**

Non-contaminated packaging can be recycled.

**14. transport information****No dangerous goods in the sense of the transport regulations****Land transport ADR/RID**

Classification

Class: - (no dangerous goods in the sense of the transport regulations)

UN number: -

Classification code: -

Description of the goods: Glass Liner II, powder

Hazard triggers: -

Packaging

Packing group:

Hazard label:

Limited quantity:

**Sea transport IMDG/GGVSee**

Classification (no dangerous goods in the sense of the transport regulations)

IMDG code: -

UN number: -

EmS:

Marine Pollutant:

Description of the goods: Glass Liner II, powder

Hazard triggers: -

Packaging

Packing group:

Hazard label:

**Air transport ICAO-TI and IATA-DGR**

Classification (no dangerous goods in the sense of the transport regulations)

Class: -

UN number: -

Description of the goods: Glass Liner II, powder

Hazard triggers: -

Packaging

Packing group:

Hazard label:

**15. Legislation****Hazard designation:****Classification of the mixture****According to Regulation (EC) No 1272/2008:**

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**16. other information****Applicable EC Directives**

Preparations Directive (1999/45/EC), as last amended by Directive 2006/8/EC

Substances Directive (67/548/EEC), as last amended by Directive 2006/121/EC.

REACH Regulation (EC) No 1907/2006 as last amended by REACH Regulation (EC) No 1272/2008.

**Limitation of use recommended by the manufacturer**

For commercial use only - not a product for the general public.

**Changes compared to the last version**

Change Potential hazards

Change Exposure controls and personal protective equipment

Change Toxicology information

Modification Transport information

Amendment of legislation

**Data sheet issuing area**

Dr. rer. nat. Wolfgang Willmann (Tel: 0 41 23 - 92 28 0)

**Other notes:**Sources:<sup>1</sup> <http://www.baua.de><sup>2</sup> <http://www.arbeitssicherheit.de>

Some of the information given here and conclusions drawn from it originate from sources that are not determined from direct test data of the product itself. were.

The contents and formats of this safety data sheet comply with the EU Commission Regulation (EC) No 1272 / 2008.

**Limitations of the guarantee**

The information in this safety data sheet has been obtained from sources we believe to be reliable. Nevertheless, this information is provided without any express or implied warranty as to its accuracy.

The conditions or methods of handling, storage, use or

Disposal of this product is beyond our control, and may be beyond our control. of our knowledge.

For this and other reasons, we expressly accept no responsibility for Loss, damage to the product, or any other costs incurred in connection with the use, storage or disposal of the product.

This safety data sheet has been prepared specifically and expressly for this product only and is to be used expressly for that purpose only.

If this product is used as a component of another product, these Information not applicable.