

Material Safety Data Sheet
according to Regulation (EC) No. 1272 / 2008

Rev. 05
 revised on July 01, 2022 SW

1. Product and company name

Name of the product:
 Temporary closure material, white, self-curing

Use of the product / intended use:
 Temporary filling material

Manufacturer / Supplier:
 dent a pharm Prod.ges.mbH

Street:
 Schusterring 35

Nat. no. / ZIP/postal code / city:
 D-25355 Barmstedt

Contact point for technical information:
 +49 (0) 41 23 - 9225 0

Phone / Fax / E-mail:
 +49 (0) 41 23 - 9225 0 / +49 (0) 41 23 - 9225 48 / info@dent-a-pharm.de

Emergency information (24 hours):
 Dr. Wolfgang Willmann
 +49 (0) 170 - 405 30 5P313

2. Possible dangers

Classification of the mixture

according to Regulation (EC) No. 1272/2008:

	Eye Irrit. 2	H319
	Skin Irrit. 2	H315
	Aquatic Chronic 2	H411



Attention



H319

Causes serious eye irritation

P280	Protective gloves/protective clothing/ Wear eye/face protection
P305+P351+P338	IF IN EYES: Rinse gently with water for a few minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

H315

Causes skin irritation.

P264	After handling ... wash thoroughly.
P302+P352	ON CONTACT WITH THE SKIN: Wash with plenty of water/...
P321	Special handling (see ... on this label).
P332+P313	For skin irritation: Get medical advice/medical help.

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P362+P364 Remove contaminated clothing and wash before wearing again.

H411

Toxic to aquatic organisms, with long lasting effects

P273 Avoid release into the environment.
 P501 Dispose of contents/container to ...

3. Composition / information on ingredients

Temporary, self-curing filling material based on calcium sulfate hemihydrate

Hazardous ingredients of the mixture:

Substance	CAS No.	EINECS		
Ethylene glycol diacetate	111-55-7		10-20%	Eye Irrit. 2,H318 STOT SE 2, H335 Skin Irrit. 2,H315
Zinc oxide	1314-13-2	215-222-5	10-15%	Aquatic chronic 1, H410 Aquatic Acute 1, H400
Zinc sulfate-1-hydrate	7446-20-0	231-793-3	1-5%	Eye Dam 1,H318, Acute Tox. 4, H302, Aquatic Acute 1, H400, Aquatic Chronic 1, H410
Optamint			0.01%	Skin Irrit.2 H315

4. First aid measures

General notes:

Wash out garments contaminated with product with soap and water.

After contact with the skin:

Wash skin with soap and water.

After contact with the eyes:

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

After swallowing:

If stomach discomfort occurs, consult a physician.

5. Fire-fighting measures

Suitable extinguishing media:

Foam, extinguishing powder, carbonic acid, water spray - Adapt fire extinguishing measures to the surroundings.

Extinguishing media unsuitable for safety reasons:

None known

Special protective equipment for fire fighting:

The usual measures for fighting chemical fires, i.e. independent Use of respirator (isolation device).

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

Not necessary

Environmental protection measures:

Do not allow uncured material to enter drains.

Procedure for cleaning/soaking up:

Pick up material mechanically and dispose of (to household waste).

7. Handling and storage**Handling**

- The usual precautionary measures when handling chemicals must be observed.

- Wear a work coat while working

- Wash hands before and after work and before breaks

Storage

Store material in a cool, dry and tightly closed place.

Notes on fire and explosion protection:

No special measures necessary.

8. Exposure controls and personal protective equipment**Additional notes on the design of technical systems**

None

Personal protective equipment:

General: Observe protective and hygienic measures. Separate storage of protective clothing. The usual precautions when handling chemicals must be observed.

Eye protection

Safety goggles not required.

Hand protection

Gloves (usual hygiene measures)

Body protection

Wear work clothes customary for the job

Hygiene measures

Observe the usual occupational safety and hygiene measures.

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

Form: Paste

Color: white

Odor: odorless

Safety-related data:

Flash point: > 100°C - not determined
Method DIN 51758

pH: 6.4

Relative density: not determined

Water solubility: insoluble

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

To avoid premature curing, close storage container immediately after removal and store protected from moisture.

Substances to avoid:

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Avoid contact with water (curing) before using the product.

Hazardous decomposition products:

None when used as intended

Other details:

The product may cure slowly after significantly exceeding the storage time and/or if the recommended storage conditions are not observed.

11. Toxicology data

Estimated on the basis of the ingredients:

Not a toxic product:**On the skin**

No irritant effect

On the eye

No irritant effect

Sensitization:

none

Additional toxicological information:

The product is not subject to a labeling requirements.

According to our experience and the information available to us, the product does not cause any adverse health effects **if handled and used properly**.

12. Ecology data**General notes:**

water-polluting in the long term

13. Notes on disposal**The product itself:**

Do not allow to enter sewage system

Recommendation:**Uncured material:**

Fill into suitable containers and dispose with household waste.

Cured material:

See under uncured material.

Uncleaned packaging:

Recommendation: Treat as described under "Uncured material".

Waste code: AVV **16 03 03**

- Inorganic waste containing hazardous substances -

14. Transport data**Land transport ADR/RID/GGVSE**

Class: -

Hazard label: -

UN number: -

Name of the good: -

Packing group: -

Warning sign: -

Correct technical name: -

Sea transport (IMDG Code/GGVSee)

Class: -

UN number: -

Packing group: -

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EmS: -
Correct technical name: -
Marine Pollutant (Marine Pollutant): -

Air transport (ICAO-IATA/DGR)

Class: -
UN number: -
Packing group: -
Correct technical name: -

No dangerous goods as defined by the transport regulations.
Keep separate from food and beverages

15. Legislation

**Regulations on safety, health and environmental protection/specific
Legislation for the mixture**

GHS labeling according to 1272/2008 (GHS/CLP)

according to Regulation (EC) No. 1272/2008 :

	Skin Irrit. 2	H315
	Eye Irrit. 2	H319
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16. Other information

Applicable EC directives

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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 Directive REACH Regulation (EC)
No. 1272/2008

Limitation of use recommended by the manufacturer

For dental use only.

H-phrases referred to in sections 2 and 3:

H319

H315

H411

Data sheet issuing area

Dr. rer. nat. Wolfgang Willmann (Tel: 0 41 23 - 92 25 0)

Other notes:

Sources: ¹ <http://www.baua.de>

<http://www.arbeitssicherheit.de>

Some of the information given here and Conclusions originate from sources not determined from direct test data of the product itself. The contents and

formats of this material safety data sheet comply with Regulation (EC) No. 1272/2008 of the European Commission.

Warranty limitations

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 are beyond our control, and may be outside our knowledge. For this and other reasons, we expressly do not assume any responsibility for loss, damage to the product or 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 intended to expressly be used only for this purpose.

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