

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

Rev. 05  
 revised August 19, 2022 SW

**1. Product and company name**

**Name of the product:**  
 Temporary closure material, pink, 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:**  
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**Phone / Fax / E-mail:**  
 +49 (0) 41 23 - 9225 0 / +49 (0) 41 23 - 9225 48 / [info@dent-a-pharm.de](mailto:info@dent-a-pharm.de)

**Emergency information (24 hours):**  
 Dr. Wolfgang Willmann  
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**2. Possible dangers**

**Classification of the mixture**

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

Skin Irrit. 2	H315 Causes skin irritation
Eye Irrit. 2	H319 Causes serious eye irritation
Aquatic Chronic 2	H411 Toxic to aquatic organisms, with long lasting effects



**Attention**



**H315**  
 P264  
 P302+P352  
  
 P321  
 P332+P313  
  
 P362+P364

**Causes skin irritation.**  
 After handling ... wash thoroughly.  
**ON CONTACT WITH THE SKIN:** Wash with plenty of water/...  
 Special handling (see ... on this label).  
 For skin irritation: Get medical advice/medical help.  
 Remove contaminated clothing and wash before wearing again.

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<b>H319</b>	<b>Causes serious eye irritation</b>
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.
<b>H411</b>	<b>Toxic to aquatic organisms, with long lasting effects</b>
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:

**Ethylene glycol diacetate** (CAS: 111-55-7) is no longer subject to labeling requirements according to the manufacturer!

Substance	CAS No.	EINECS		
Ethylene glycol diacetate	CAS: 111-55-7		10-20%	
Zinc oxide	1314-13-2	215-222-5	10-15%	Aquatic chronic 1, H410 Aquatic Acute 1
Zinc sulfate-1-hydrate	7446-20-0	231-793-3	1-5%	Acute Tox. 4, H302 Eye Dam 1, H318 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

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**Special protective equipment for fire fighting:**

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

**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:** Pink**Odor:** of mint**Safety-related data:****Flash point:** > 100°C  
Method DIN 51758**pH:** 6.4**Relative density:** 2.24 g/cm<sup>3</sup>  
at 20°C**Water solubility:** at 20°C  
insoluble

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**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:**

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:****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".

**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: -

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UN number: -  
Packing group: -  
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:

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<b>Eye Irrit. 2</b>	<b>H319</b>	<b>Causes serious eye irritation</b>
<b>Aquatic Chronic 2</b>	<b>H411</b>	<b>Toxic to aquatic organisms, with long lasting effects</b>



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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 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:****H315****H319****H411****Data sheet issuing area**

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