

Material Safety Data Sheet

according to (EC) No. 1907/2006/EC

Revision:03

Revision Date: 22.08.2024

Print Date : 25.06.2018



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Procem- Temporary Luting Cement

Details of the supplier of the safety data sheet

Company Name: President Dental GmbH

Street: Kesselbodenstrasse 5

Zip-Code / Town/ Country: 85391 , Allershausen, Germany

Contact for technical information: +49 (0) 230 39228772

Phone / Fax / E-Mail: +49 (0) 8166 389 9 820 / +49 (0) 8166 389 9 821 / info@presidentdental.com

1.2. Emergency Telephone Number

+49 (0) 8166 389 9 820 (8.00 am – 4.30 pm Mon-Fri)

SECTION 2: Hazards identification

2.1. Potential Hazards

Catalyst


| | |
|------------------------------------|--|
| By regulation of (EG) No 1272/2008 | causes serious eye damage. very toxic to aquatic life with long lasting effects. |
|------------------------------------|--|

Base

| | |
|------------------------------------|---|
| By regulation of (EG) No 1272/2008 | causes serious eye damage causes skin irritation |
|------------------------------------|---|

2.2 Elements of hazards identification

Catalyst

| | |
|---|---|
| By regulation of (EG) No 1272/2008 | |
|  | H318 causes serious eye damage P280 wear protective gloves/protective clothing/eye protection/ face protection P305+P351+ IN CASE OF CONTACT WITH EYES: Carefully wash out with P338 water for some minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. |

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| | |
|--|---|
|  Warning | H410 very toxic to water organism with long lasting effect P273 avoid release to the environment. P391 collect spillage. P501 disposal according to official regulations |
|--|---|

Base

| By regulation of (EG) No 1272/2008 | |
|---|---|
|  Warning | H315 causes skin irritation P264 wash thoroughly after handling. P280 wear protective gloves/protective clothing/ eye protection/face protection P302+P352 IF ON SKIN: wash with plenty of water P321 specific treatment (see...on this label) P362+P364 take off contaminated clothing and wash it before reuse. |

SECTION 3: Composition/information on ingredients

Chemical Characterization

Temporary cement for attachment on the base of Zinc oxide / fatty acid

3.1 Hazardous ingredients of the catalyst:

| Stoff | CAS-Nr./EINECS-Nr./ EG-Nr. | Gehalt (%) | Kennzeichnung |
|-------------------|-------------------------------|---------------|--|
| Calcium Hydroxide | 1305-62-0 | 4 – 6 % | causes serious eye damage – H318 |
| Zinc oxide | 1314-13-2 | 20-30% | very toxic to water organism with long lasting Effect - H410 |

3.2 Hazardous ingredients of the base:

| Stoff | CAS-Nr./EINECS-Nr./ EG-Nr. (%) | Gehalt | Kennzeichnung |
|--------|-----------------------------------|--------|--|
| Kokos- | | | 25-35 schwere Augenschä- Fettsäuren digung, Kat.1 – H318 verursacht Hautreizun- gen – H315 |

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SECTION 4: First aid measures

4.1. First Aid Measures

| | |
|---------------------------|---|
| After inhalation | In case of prolonged exposure take patient to open air. |
| After skin contact | Wash of skin with soap and water. |
| After eye contact | Rinse eyes with open lids an efficient time with water and consult a physician. |
| After ingestion | Immediately seek medical advice. |

SECTION 5: Fire Fighting Measures

Suitable extinguishing agents:

Foam, Dry powder, carbonic acid, waterspray stream, Sand

For safety reasons unsuitable extinguishing media:

Direct jet of water.

Specific hazard through the product itself, its combustion products or the emerging gases:

At combustion: Development of carbon monoxide, carbon dioxide,

Protective equipment for fire-fighters:

Use conventional measures to combat chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use only in well-ventilated areas. Wear personal protection cloth.

6.2 Environmental precautions:

Do not drain into canalisation.

6.3 Methods and material for containment and cleaning up:

The cleaning of stains of unhardened paste (catalyst or base) is possible with a isopropanol or acetic acid ethyle ester soaked rag.

Hardened Material is to be corrected with the usual cement solvents.

Take up material mechanical.

SECTION 7: Handling and storage

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Handling:

The conventional precautions for works with chemicals are to be adhered.

Personal precautions:

Use adequate protective gloves. Do not allow to get into the eyes.

Storage conditions:

Storage conditions: Store tubes cool and closed.

Storage time: 3 years, if storage conditions will be kept.

Storage class: ---

SECTION 8: Exposure controls/personal protection

Limit values for the exposition at work station and / or biological limit values

Work station limit values (AGW) Germany

PNCE and DNCL-Values as to be possibly worked out in a preparation safety report do not exist.

Personal protective equipment:

Breathing protection: Do not breath vapour.

Eye protection: Goggles

Hand- and skin protection: Rubber gloves

Hygienic measures: Do not eat or drink at workstation.

SECTION 9: Physical and chemical properties

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| | | |
|-------------------------|-----------------|---|
| Form | | Pasty |
| Colour | | |
| | Base | yellowish, brown |
| | Catalyst | white |
| Odour | | |
| | Base | spicy, acerb |
| | Catalyst | odourless |
| Ph Value | | not definable |
| Flash point | | |
| | Base | > 120°C |
| | Catalyst | > 300°C |
| Relative density | | |
| | Base | (20°C) ca. 0,220 g/cm3 |
| | Catalyst | (20°C) ca. 0,430 g/cm3 |
| Solubility | | |
| | Base | not soluble in water soluble in acetic acid ethyle ester |
| | Catalyst | not soluble in water soluble in isopropyl alcohol |

SECTION 10: Stability and reactivity

Conditions to avoid:

No decomposition at intended application No further relevant information available.

Substances to avoid:

None known at indended application.

Hazardous decomposition products:

None at indended application

SECTION 11: Toxicological information

| | |
|---------------------------------------|--|
| Acute toxicity | LD50 Rat > 2000 mg/kg |
| Irritation of skin: | Irritating on prolonged exposure. |
| Irritation of eye: | Irritating on prolonged exposure. |
| Kinetic of the toxic reaction: | According the new Material Safety Data Sheet according to REACH, specifications about kinetic of the toxic reaction, metabolism of the substance and allocation of |

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| | |
|--|---|
| | the substance in the human body must be mentioned at this place. Data for this is not available . |
|--|---|

SECTION 12: Ecological information

Persistence and Degradability: -

Degree of degradation: not defined

Aquatic Toxicity:

Acute Fish toxicity: not defined

Bioaccumulation potential: No data available.

Effect of the determination of the PTB- and vPvB-Report: Endocrine disruption potential

If the material causes hormonal effects or prevents them is unknown.No further relevant information available.

SECTION 13: Disposal considerationsSubstance / Preparation:

Substance / Preparation

To dispose of accordingly with notice of the local regulations of authority. (for example by controlled combustion).

Unhardened Material is to be disposed of as hazardous waste.

Uncleaned empty trusses are to be handled like the ingredients.

Disposal key according to AVV regulation

18 01 07

Package

Packages that are not contaminated can be recycled.

SECTION 14: Transport information

UN-Number: 3077

Landtransport ADR/RID and GGVS/GGVE:

GGVSE: Class 9 – Packaging Group III

ADR: Class 9 – Packaging Group III

RID: Class 9 – Packaging Group III

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Inlandwater vessel transport ADN/ADNR:

ADNR-Class: 9 – Packaging Group III

Seagoing vessel transport IMDG/GGVSea:

IMDG-Class: 9 – Packaging Group III

Air transport ICAO-TI and IATA-DGR:

UN/ID-Number: 3077

IATA-DGR-Class: 9 – Packaging Group III

Further Information:

Correct shipping declaration: Environmental hazardous substance, sold, N.O.S. (Zinc Oxide)

SECTION 15: Regulatory information

15.1 Potential Hazards:

Catalyst


by regulation of (EG) No.1272/2008:

causes serious eye damage.

very toxic to aquatic life with long lasting effects.

15.2 Elements of hazards identification

by regulation of (EG) No.1272/2008:

| By regulation of (EG) No 1272/2008 | |
|---|---|
|  | <p>H318 causes serious eye damage</p> <p>P280 wear protective gloves/protective clothing/eye protection/face protection</p> <p>P305+P351+ IN CASE OF CONTACT WITH EYES: Carefully wash out with</p> <p>P338 water for some minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER or doctor/physician.</p> |

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SECTION 16: Other information

| | |
|---|--|
| Further applicable EG Guidelines | Guideline for preparation (1999/45/EC), at last changed by the guideline 2006/8/EC. Substance Guideline (67/548/EWG), at last changed by the guideline 2006/121 EC. REACH-Guideline (EC) No. 1907/2006 |
| Manufacturer's suggested application restriction: | Only for commercial use – no public product |
| H-phrases on which is referred in chapter 2 and 3 | H315 causes skin irritation H318 causes serious eye damage H410 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Changes compared to the last version | Assimilation according REACH-Regulation (EC) No. 1907/2006 Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the |

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|--------------------------------|---|
| | <p>product itself.</p> <p>The contents and format of this MSDS are in accordance with EEC Commission (EC) No. 1907 / 2006.</p> |
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