

Material Safety Data Sheet
according to decree (EC) No. 1907 / 2006

Revision: 1

Revision of: 15.10.2010 HA

1. Chemical Product and Company Identification

Product Name:

Procem

Application of the Product:

Temporary attachment of crowns and bridges etc.

Manufacturer:

President Dental Gmbh

Street:

Zehenstadelweg 7

Zip-Code / Town

81247 , Munchen

Contact for technical information

+49 (0) 203 392 287 72

Phone / Fax / E-Mail

+49 89 127 660 240 / +49 89 127 660 269 / info@presidentdental.de

Emergency information (24 hours):

Mr.Mehmet DOGAN

Phone: +49 (0) 203 392 287 72

2. Hazard Identification

Potential Hazards:

Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Categorization: N, hazardous to environment

R-phrases: 50 - 53

3. Composition / Information on Ingredients

Chemical Characterization:

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

4. First-Aid-Measures

After skin contact:

Wash of skin with soap and water.

After inhalation:

In case of prolonged exposure take patient to open air.

After eye contact:

Material Safety Data Sheet
according to decree (EC) No. 1907 / 2006

Revision: 1

Revision of: 15.10.2010 HA

Rinse eyes with open lids an efficient time with water and consult a physician.

After ingestion:

Immediately seek medical advice.

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.

6. Accidental-Release-Measures

Personal precautions:

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

Environmental protection measures:

Do not drain into canalisation.

Methods for cleaning / absorption:

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.

7. Handling and Storage

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: ---

8. Exposure Controls/Personal Protection

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

Material Safety Data Sheet
according to decree (EC) No. 1907 / 2006

Revision: 1

Revision of: 15.10.2010 HA

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.

9. Physical and chemical Properties

Form: pasty

Color: 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

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

No decomposition at intended application

Substances to avoid:

None known at indended application.

Hazardous decomposition products:

None at indended application

11. Toxicological Information

Acute oral toxicity: LD₅₀ Rat > 2000 mg/kg

Irritation of skin: Irritating on prolonged exposure.

Irritation of eye: Irritating on prolonged exposure.

Material Safety Data Sheet
according to decree (EC) No. 1907 / 2006

Revision: 1

Revision of: 15.10.2010 HA

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

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.

13. Disposal Considerations**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.

14. Transport Information/Rules

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

Inlandwater vessel transport ADN/ADNR:

ADNR-Class: 9 – Packaging Group III

Material Safety Data Sheet
according to decree (EC) No. 1907 / 2006

Revision: 1

Revision of: 15.10.2010 HA

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)

15. Regulatory Information

Labelling according EU-Guidelines

Code letter and hazard description of the product::

Labeling obligation: contains Zinc Oxide



N, Hazardous to the environment

R-Phrases:

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-Phrases:

S61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

Safety Assessments

Safety Assessments for substances in this preparation were not executed

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

Department issuing MSDS:

Mr.Mehmet DOGAN (Phone: +49 (0) 203 397 287 72)

Additional Information:

Origin: ¹ <http://www.baua.de>

² <http://www.arbeitssicherheit.de>

Material Safety Data Sheet
according to decree (EC) No. 1907 / 2006

Revision: 1

Revision of: 15.10.2010 HA

R-phrases on which is referred in chapter 2 and 3

R50/53 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 product itself.

The contents and format of this MSDS are in accordance with EEC Commission (EC) No. 1907 / 2006.

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