

SAFETY DATA SHEET

Cavex Temporary Cement

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

Product name : Cavex Temporary Cement

Other means of identification : None.

Product type : Paste.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Dental filling material

Details of the supplier of the safety data sheet**National contact**

Cavex Holland
Fustweg 5
2031 CJ Haarlem
The Netherlands

T +31 23 530 7700 E-Mail : dental@cavex.nl
F +31 23 535 6482 Website : www.cavex.nl

National advisory body/Poison Centre/Emergency telephone number

Telephone number : +31 23 530 7700 (Office hours)

SECTION 2: Hazards identification**Classification of the substance or mixture**

Product definition : Description: 2-component material comprising base paste and matching catalyst paste.

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

H400 - Hazardous to aquatic environment Chronic Hazard Category 1 (White paste).
H410 - Hazardous to aquatic environment- Acute Hazard Category 1 (White paste).

Classification according to Directive 67/548/EEC [DSD]**Europe**

N; R50/53 (White paste)

Classification according to Directive 1999/45/EC [DPD]**Europe**

R50/53 (paste White.)

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

Label elements**Hazard pictograms****Signal word**

: Warning

Hazard statements

: H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements**Prevention**

: P273 - Avoid release to the environment.

Response

: P391 - Collect spillage.

Europe

Cavex Temporary Cement

SECTION 2: Hazards identification

Risk phrases : R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases : S60- This material and its container must be disposed of as hazardous waste.
Supplemental label elements : None.

Other hazards

Other hazards which do not result in classification : None.
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

SECTION 3: Composition/information on ingredients

Substance/mixture : Description: 2-component material comprising base paste and matching catalyst paste.

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Europe Zinc oxide	CAS: 1314-13-2 EC: 215-222-5	40-50	N; R50/53 See Section 16 for the full text of the R-phrases declared above.	H400, H410 See Section 16 for the full text of the H statements declared above.	-

Type

1: Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

Description of first aid measures

Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.
Inhalation : Not applicable.
Skin contact : No known significant effects or critical hazards. Wash contaminated skin with soap and water.
Ingestion : Not considered to be toxic to humans.
Protection of first-aiders : Not applicable.

Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact : Hydrofobic paste. Moderately irritating to eyes.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Indication of any immediate medical attention and special treatment needed

Notes to physician : No known significant effects or critical hazards.
Specific treatments : Not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media : None known.

Special hazards arising from the substance or mixture

Hazards from the substance or mixture : No known significant effects or critical hazards.
Hazardous thermal decomposition products : No specific hazard.

Advice for firefighters

Date of issue/Date of revision : 19-3-2014. **Date of previous issue** : 4-8-2000 **Version** : 1.03 2/6

Cavex Temporary Cement

SECTION 5: Firefighting measures

- Special protective actions for fire-fighters** : None.
- Special protective equipment for fire-fighters** : No special protection is required.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Wear suitable gloves.
- For emergency responders** : Wear suitable gloves.
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods and materials for containment and cleaning up

- Small spill** : No special measures required. Residual surface material should be removed with towels moistened with ethanol.
- Large spill** : Use a shovel to transfer the material to a convenient waste disposal container.
- Reference to other sections** : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Precautions for safe handling

- Protective measures** : Store in a dry place.
- Advice on general occupational hygiene** : Store in a dry place.
- Conditions for safe storage, including any incompatibilities** : No specific storage is required.

Seveso II Directive - Reporting thresholds (in tonnes)

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
E1: Hazardous to the aquatic environment - Acute 1 and Chronic 1	100	200
C9i: Very toxic for the environment	100	200

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Control parameters

Occupational exposure limits

Europe

No exposure limit value known.

- Recommended monitoring procedures** : Product does not contain relevant quantities of materials with exposure values that have to be monitored.

- DNELs/DMELs** : No DNELs/DMELs available.

- PNECs** : Zinc oxide:
Marine pollutant 6.1 µg/l
Fresh water 20.6 µg/l

Exposure controls

- Appropriate engineering controls** : No known significant effects or critical hazards. No special measures required.

Individual protection measures

- Hygiene measures** : Wash thoroughly after handling.
- Eye/face protection** : Safety glasses.
- Skin protection**
- Hand protection** : Wear suitable gloves.
- Body protection** : Lab coat.
- Other skin protection** : Wash with soap and water.

Date of issue/Date of revision : 19-3-2014. **Date of previous issue** : 4-8-2000 **Version** : 1.03 3/6

SECTION 8: Exposure controls/personal protection

- Respiratory protection** : No special protection is required.
- Environmental exposure controls** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties****Appearance**

- Physical state** : Paste.
- Colour** : White and Yellow.
- Odour** : Odourless.
- pH** : No results available.
- Melting point/freezing point** : No results available.
- Initial boiling point and boiling range** : No results available.
- Flash point** : No results available.
- Relative density** : No results available.
- Solubility in water** : Non water-soluble liquid
- Auto-ignition temperature** : No results available.
- Decomposition temperature** : No results available.
- Viscosity** : No results available.
- Oxidising properties** : No results available.
- Other information** : No additional information.

SECTION 10: Stability and reactivity

- Reactivity** : No additional information.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : None.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : None.

SECTION 11: Toxicological information**Information on toxicological effects**

- Acute toxicity** : Based on available data, the classification criteria are not met.
- Irritation/Corrosion** : Irritating to eyes.
- Sensitisation** : Based on available data, the classification criteria are not met.
- Mutagenicity** : Based on available data, the classification criteria are not met.
- Carcinogenicity** : Based on available data, the classification criteria are not met.
- Reproductive toxicity** : Based on available data, the classification criteria are not met.
- Teratogenicity** : Based on available data, the classification criteria are not met.

Potential acute health effects

- Eye contact** : Hydrofobic paste. Moderately irritating to eyes.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Potential chronic health effects : No known significant effects or critical hazards.

Other information : No additional information.

SECTION 12: Ecological information

Toxicity	: Zinc oxide: Chronic NOEC 0.017 mg/l Exponential growth phase 72 hours.
Persistence and degradability	: No results available.
Bioaccumulative potential	: No results available.
Mobility in soil	: No specific data.
Results of PBT and vPvB assessment	
PBT	: Not applicable.
vPvB	: Not applicable.
Other adverse effects	: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

Waste treatment methods

Product

Methods of disposal	: Use appropriate tools to transfer the spilt solid to a convenient waste disposal container.
Hazardous waste	: Yes.





European waste catalogue (EWC)

Waste code	Waste designation
180106*	chemicals consisting of or containing dangerous substances

Packaging

Methods of disposal	: Use appropriate tools to transfer the spilt solid to a convenient waste disposal container.
Special precautions	: None.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
UN number	3077	3077	3077	3077
UN proper shipping name	Environmentally hazardous substance, solid, n.o.s.(Zinc oxide)	Environmentally hazardous substance, solid, n.o.s.(Zinc oxide)	Environmentally hazardous substance, solid, n.o.s.(Zinc oxide)	Environmentally hazardous substance, solid, n.o.s.(Zinc oxide)
Transport hazard class(es)	ADR/RID Class: 9 	ADN Class: 9 	IMDG Class: 9 	IATA Class: 9 
Packing group	III	III	III	III
Environmental hazards	Marine Pollutant: Yes.	Marine Pollutant: Yes.	Marine Pollutant: Yes.	Marine Pollutant: Yes.
Additional information	Hazard identification number 90 Limited quantity 5 kg Special precautions for user: 274 335 601 Tunnel code (E)	-	Emergency schedules (EmS) F-A, S-F	Passenger and Cargo Aircraft: Quantity limitation: 400 kg Packaging instructions: 956 Cargo Aircraft Only: Quantity limitation: 400 kg Packaging instructions: 956 Limited Quantities - Passenger Aircraft: Quantity limitation: 30 kg Packaging instructions: Y956

Special precautions for user	: No special measures are required.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not available.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

[EU Regulation \(EC\) No. 1907/2006 \(REACH\)](#)

[Annex XIV - List of substances subject to authorisation](#)

[Substances of very high concern](#)

None of the components are listed.

[National regulations](#)

Chemical Safety Assessment : No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms

: ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

[Procedure used to derive the classification according to Regulation \(EC\) No. 1272/2008 \[CLP/GHS\]](#)

Classification	Justification
H400 - Hazardous to aquatic environment Chronic Hazard Category 1 (White paste). H410 - Hazardous to aquatic environment- Acute Hazard Category 1 (White paste).	

Europe**Full text of abbreviated H statements**

: H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

: H400 - Hazardous to aquatic environment Chronic Hazard Category 1.
H410 - Hazardous to aquatic environment Acute Hazard Category 1.

Full text of abbreviated R phrases

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

Full text of classifications [DSD/DPD]

: N; Harmful

Date of printing

: 19-3-2014.

Date of issue/ Date of revision

: 19-3-2014.

Date of previous issue

: 4-8-2000

Version

: 1.03

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.