


Material Safety Data Sheet

Acc. to 91/155/EEC adjustment acc. to Directive 2001/58/EC
Hoffmann Dental Manufaktur GmbH

Reviewed on: 16 December 2009

1. Identification of substance and manufacturer's name					
<p style="text-align: center;">Product details/Trade name:</p>  <p>HOFFMANN'S CARBOXYLAT CEMENT, Liquid</p> <p>Manufacturer/Supplier: Wangenheimstr. 37/39, D-14193 Berlin Telephone: ++49 (0) 30 / 85 10 27 3 Fax: ++49 (0) 30 / 82 70 45 40</p> <p>Information department/Emergency information: Quality assurance department, telephone: ++49 (0) 30 / 85 10 27 52 e-mail: sicherheit@hoffmann-dental.com</p>					
2. Composition/Data on ingredients					
<p>Chemical characterization: Description: Mixture of water and below-mentioned substances with innocuous additions.</p> <table border="1"><tr><td colspan="2">Hazardous ingredients:</td></tr><tr><td>CAS: 9003-01-4</td><td>Polyacrylic Acid</td></tr></table>		Hazardous ingredients:		CAS: 9003-01-4	Polyacrylic Acid
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3. Hazards identification					
<p>Hazard designation: Not applicable. Special danger warning for human and environment: Not applicable Classification system: The classification is in compliance with the current EU-lists, but is also completed with details given by technical literature and company.</p>					
4. First aid measures					
<p>General warnings: - After skin contact: - After eye contact: - After swallowing: - After inhaling:</p>	<p>Remove contaminated clothing immediately. Remove by washing with soap under the running water. Generally the product is not irritating to skin. Immediately flush opened eye under running water for several minutes, consult an eye specialist. (A plenty of substance) induce vomiting and consult a physician. Not applicable.</p>				
5. Fire fighting measures					
<p>Suitable extinguishing agents: Special protective equipment: Special information:</p>	<p>Adapt to the environment. No special measures required. None.</p>				
6. Accidental release measures					
<p>Person-related safety precautions: Environmental precautions: Methods of cleaning up:</p>	<p>No special measures are required. Prevent spillage of large product amounts from entering waters and sewage system. Dilute with plenty of water. Absorb with liquid binding material (chemical binders; use cellulose for small amounts). Remove the remainders with water and detergents.</p>				
7. Handling and storage					

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Handling: The product is only for dental use.

- **Information for safe handling:** No special measures are required.

- **Information about protection against explosion and fire:** No special measures are required.

Storage:

- **Information about storage:** Store dry and tightly closed in original container; frost-free and not above 25 °C.

- **Information about storage in one common storage facility:** Not required.

- **Requirements for storage rooms:** No special requirements.

8. Exposure controls and personal protection

Data on limiting values that require monitoring at the workplace:

Ingredients with limiting values that require monitoring at the workplace	
None	
TLV	Not applicable

Technical protective measures: Not required.

Notice: The lists that were valid during the creation were used as basis.

Personal protective equipment:

Respiratory protection: Not required.

Hand protection: Not required.

Eye protection: Protective goggles with side protection are recommended.

Body protection: Lightweight protective clothing.

General protective and hygienic measures:

The usual precautionary measures for contact with chemicals are to observe.

9. Physical and chemical properties

General information:	
Form:	Liquid
Colour:	Colourless
Odour:	Odourless
Change in state	
Boiling point/boiling range:	not determined
Melting point/melting range:	not determined
Flashpoint:	not applicable
pH-value:	1,5 – 2,5
Autoflammability:	Product does not self ignite
Danger of explosion:	Product is not explosive
Density at 20 °C:	1,1800 g/cm ³
Solubility in water:	fully miscible
Solvent content:	
Organic solvents:	0,0 %
Water:	60 %
VOC EU:	0,0 %

10. Stability and reactivity

Conditions to be avoided: No decomposition when used according to the regulations.

Hazardous reactions: No hazardous reactions are known when used according to regulations.

Hazardous decomposition products: No hazardous decomposition products are known.

11. Toxicological information

Acute toxicity: Owing to the operational experience the product does not cause any noxious effects when used handled

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according to regulations.

Primary skin irritation effect:

- Skin: No irritation
- Eye: No irritation

The product must not be labelled according to the calculation method of the „EU-Directive of the General Classification of Preparations“ in the latest version.

12. Ecological information

Referring to main substance:

Biological decomposition: Is not determined.

Ecotoxicological information: Quantitative data about ecological effects are not available for this product.

Biological effects: Not determined.

General information: Water hazard class 1 (self-assessment): slight hazardous to waters.

13. Disposal details

Product: Small amounts can be disposed of together with domestic waste.
Large amounts must be disposed of according to official regulations.

European Waste Catalogue	
18 01 04	Waste, whose collection and disposal is not subject to special requirements in order to prevent infection

14. Transport information

Land transport ADR/RID: Not indicated as an hazardous substance.
Maritime transport IMDG/GGV sea: Not indicated as an hazardous substance.
Air transport IATA-DGR: Not indicated as an hazardous substance.
Not dangerous according to all transportation regulations.

15. Regulations

Labelling according to EU-Directive:

The product must not be labelled according to the EU-Directives / Ordinance on Hazardous Materials (GefStoffV).
Medical products must not be labelled according to Chemical Act (ChemG §2 (1) 2).

National regulations:

Water hazard class: 1(slight hazardous to the waters), self-assessment.

16. Other information

This information is based on our present knowledge. However, they do not represent a guarantee for any product features and do not establish a contractual relationship.

Department issuing MSDS: Quality assurance department