

Material Safety Data Sheet

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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



Product details/Trade name:

HOFFMANN'S

CASTING WAX IVORY, STICKS

Manufacturer/Supplier:

Wangenheimstr. 37/39, D-14193 Berlin

Telephone: ++49 (0) 30 / 85 10 27 3

Fax: ++49 (0) 30 / 82 70 45 40

Information department/Emergency information:

Quality assurance department, telephone: ++49 (0) 30 / 85 10 27 52

e-mail: sicherheit@hoffmann-dental.com

2. Composition/Data on ingredients

Chemical characterization:

Description: Mixture of paraffin, waxes and other substances with innocuous additions.

Hazardous ingredients:

CAS: 64742-51-4

Paraffin

EINECS: 232-315-6

50 – 60 %

3. Hazards identification

Hazard designation: Not applicable.

Special danger warning for human and environment:

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

Classification system:

The classification is in compliance with the current EU-lists, but is also completed with details given by technical literature and company.

4. First aid measures

- After inhaling:

Not applicable.

- After skin contact:

Not applicable.

- After eye contact:

Not applicable.

- After swallowing:

(A plenty of substance) In case of feeling unwell consult a physician.

5. Fire fighting measures

Suitable extinguishing

agents:

Adapt to the environment.

Special protective equipment:

Adapt to the environment.

Other information:

Prevent any spillage of water for fire-fighting from entering surface or ground waters. No special measures are required.

6. Accidental release measures

Person-related safety

precautions:

No special measures are required.

Environmental precautions:

Prevent any spillage from entering the sewage system.

Methods of cleaning up:

Pick up the remainders mechanically and dispose of.

7. Handling and storage

Handling: The product is only for dental use.

- Information about safe handling:

No special measures are required.

- Information about protection

against explosion and fire:

No special measures are required.

Storage:

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- **Information about storage:** Store dry.
- **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.

Skin protection: Not required.

Eye protection: Recommended: Protective goggles with side protection.

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:	solid, sticks
Colour:	ivory
Odour:	odourless
Change in state	
Boiling point/boiling range:	not determined
Melting point/melting range	73 - 77 °C
Flashpoint:	not applicable
pH-value:	not applicable
Autoflammability:	Product does not self ignite
Danger of explosion:	Product is not explosive
Density (at 20 °C):	not applicable
Solubility in water:	insoluble
Solvent content:	
Organic solvents:	0,0 %
Water:	0,0 %
VOC EU:	0,0 %
Solid content:	100 %

10. Stability and reactivity

- Conditions to be avoided:** No decomposition when used according to regulations.
Do not heat above 100 °C.
- Hazardous reactions:** No hazardous reactions are known.
- Hazardous decomposition products:** No hazardous decomposition products are known.

11. Toxicological information

From subacute to chronic toxicity :

Sensitisation: Research on human: no sensitising effect

Mutagenicity Test: Ames-Test:

Additional toxicological information:

Negative; no mutagenic effect.

In our experience and relating to the available information the product does not cause any noxious effects when used and handled according to regulations.

Acute toxicology:

In our experience the product does not cause any noxious

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Irritation effect:	effects when used and handled according to regulations. No irritation effects are known.				
12. Ecological information					
Referring to main substance:					
Biological decomposition:	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 (slight hazardous to waters; self-assessment)				
13. Disposal details					
Product:	Small amounts can be disposed of together with domestic waste. Large amounts must be disposed of in accordance with the official regulations.				
<table><tr><td colspan="2">European Waste Catalogue</td></tr><tr><td>18 01 04</td><td>Waste whose collection and disposal is not subject to special requirements in order to prevent infection</td></tr></table>		European Waste Catalogue		18 01 04	Waste whose collection and disposal is not subject to special requirements in order to prevent infection
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Packaging:	Recommendation: Empty packaging can be disposed of together with domestic waste or recycled.				
14. Transport information					
Land transport ADR/RID :	Not dangerous according to the transportation regulations.				
Maritime transport IMDG /GGV sea:	Not dangerous according to the transportation regulations.				
Air transport IATA-DGR:	Not dangerous according to the transportation regulations.				
15. Regulations					
Labelling according to EU-Directive:	The product must not be labelled in accordance with EU-Directives / Ordinance on Hazardous Materials (GefStoffV). Medical products must not be labelled according to the Chemicals Act (ChemG §2 (1) 2).				
National regulations:	Water hazard class: water hazardous 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					