


Material Safety Data Sheet

according to 1907/2006/EC, Article 31
Hoffmann Dental Manufaktur GmbH

Reviewed on: 08 June 2012

1. Identification of substance and manufacturer's name													
Product details/Trade name:													
													
HOFFMANN'S CASTING WAX BLUE, STICKS													
Manufacturer/Supplier: Wangenheimstr. 37/39, D-14193 Berlin Telephone: +49 (0) 30 / 82 00 99 0 Fax: +49 (0) 30 / 82 28 145													
Information department/Emergency information: Quality assurance department e-mail: sicherheit@hoffmann-dental.com													
2. Composition/Data on ingredients													
Chemical characterization: Description: Mixture of paraffin, waxes and other substances with innocuous additions.													
<table border="1"><thead><tr><th colspan="4">Hazardous ingredients:</th></tr></thead><tbody><tr><td>CAS: 64742-51-4</td><td>Paraffin</td><td></td><td>50 – 60 %</td></tr><tr><td>EINECS: 232-315-6</td><td></td><td></td><td></td></tr></tbody></table>		Hazardous ingredients:				CAS: 64742-51-4	Paraffin		50 – 60 %	EINECS: 232-315-6			
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EINECS: 232-315-6													
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 aphysician.													
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 required. Environmental precautions: Prevent any spillage from entering the sewage system. Methods of cleaning up: Pick up the remainders mechanically and dispose of.													

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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:

- **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: Protective goggles not required.

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:	blue
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 the regulations.
Do not heat above 100 °C.

Hazardous reactions: No hazardous reactions are known.

Hazardous decomposition products: No hazardous decomposition products are known.

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11.	Toxicological information				
From subacute to chronic toxicity : Sensitisation: <u>Research on human</u> : no sensitising effect Mutagenicity Test: Ames-Test: Negative; no mutagenic effect.					
Additional toxicological information: 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 effects when used and handled according to regulations.					
Irritation effect: 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 (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 in accordance with the official regulations.					
<table border="1"><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					