

EU – Safety Data Sheet



According to 91/155/EEC
Date of issue: 12.04.2012

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Printing date: 16.05.2012

Wax BioStar

1. Identification of the substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name: Wax BioStar
Company / Manufacturer: ERNST HINRICHS GmbH
Borsigstr. 1
D - 38644 Goslar
0 53 21 / 5 06 24
0 53 21 / 5 08 81
info@hinrichs-dental.de / www.hinrichs-dental.de

2. Composition / Information on Ingredients:

Chemical characterisation: Hydrocarbons, wax.
Dangerous components: Void

3. Hazards Identification:

- 3.1 Classification of the substance:
Hazard designation: None
Particular information pertaining specific risk for humans / environment: No particular hazards have to be mentioned.

4. First aid measures:

- 4.1 After inhalation: -
4.2 After skin contact: After contact with the molten substance, cool quickly by means of cold water. Do not pull solidified substance from skin. Cover wounds in a sterile wax, contact a doctor immediately.
4.3 After eye contact: Rinse with water thoroughly and consult a doctor.
4.4 After ingestion: -
4.5 Most important symptoms and effects, both acute and delayed: -

5. Fire Fighting measures:

- 5.1 Extinguishing agents: Foam, dry chemical extinguisher, carbon dioxide.
5.2 Unsuitable extinguishing agents: Water spray jet.
5.3 Special hazards arising from the mixture: In case of fire, hazardous combustion gases may be possible: (CO).
5.4 Advice for fire-fighters: -

6. Accidental release measures:

- 6.1 Personal precautions, protective equipment and emergency procedures: Contact with skin, eyes and clothing are to avoided.
6.2 Environmental precautions: -
6.3 Measures for cleaning / collecting: Let the material set, then pick up mechanically.

7. Handling and Storage:

- 7.1 Precautions for safe handling: Heated product may evolve combustible vapours.
Fire preventions: Keep away from ignition sources - no smoking.
Aerosol and dust generation preventions: -
Environmental precautions: -
Advice on general hygiene: -
7.2 Storage conditions: -
Requirements for storage rooms and vessels: Store product in tightly closed containers at room temperature, keep cool and dry - protect from direct sunlight and heat.

7.3 Specific end uses: To be used in dental labs.

8. Exposure controls / Personal protection:

- 8.1 Control parameters:
- | | |
|--|-----------------------------------|
| Occupational exposure limits: | None. |
| DNEL- and PNEC- values: | None. |
| Risk management measures according to used control banding approach: | |
| Relevant parameters: | - |
| 8.2 Exposure controls: | - |
| Appropriate engineering controls: | - |
| Individual protective equipment: | |
| Eye and face protection: | Avoid contact with skin and eyes. |
| Skin protection: | Avoid direct contact. |
| Respiratory protection: | - |
| Environmental exposure controls: | - |

9. Physical and chemical properties:

- 9.1 General information:
- | | |
|--------------------------------|-----------------------------|
| Form: | Solid |
| Colour: | product specific |
| Odour: | Characteristic |
| 9.2 Change in condition: | |
| pH-value: | n. a. |
| Melting point / Melting range: | 50 - 120°C |
| Flash point: | > 130°C |
| Flammability: | n. b. |
| Solubility: | Insoluble |
| Density: | Ca. 0,93 g / m ³ |

10. Stability and Reactivity:

- 10.1 Reactivity: -
- 10.2 Thermal decomposition: No decomposition if used as advised.
- 10.3 Possibility of hazardous reactions: Reaction with strong oxidising agents possible.
- 10.4 Conditions to avoid: No exposure in heat / high temperatures.
- 10.5 Hazardous decomposition products: Carbon monoxide, Carbon dioxide.

11. Toxicological Information:

- Information on toxicological effects:
- | | |
|---------------------------------|--------------------------|
| Acute oral toxicity: | LD50 (rat) > 15000 mg/kg |
| Dermal / inhalational toxicity: | None. |

12. Ecological Information:

- 12.1 Toxicity: None.
- 12.2 Persistence and degradability: -
- 12.3 Bioaccumulative potential: -
- 12.4 Mobility in soil: Due to the products consistency and low solubility in water, bioavailability is hardly possible.
- 12.5 Other adverse effects: -

13. Disposal Considerations:

- 13.1 Waste treatment methods:
- | | |
|---------------------|---|
| Packaging disposal: | Completely emptied packages can be given for recycling. |
| Disposal product: | - |



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14. Transport Information:

Land transport ADR/RID – hazardous material regulation street / train:	
ADR/RID / hazardous material	-
regulation street / train-Class:	
Packing group:	-
Paragraph / Letter:	-
Hazard identification:	-
UN-no.:	-
Description:	-
Sea transport IMDG / GGVSee:	
IMDG / GGVSee-class:	-
UN-no.:	-
Packing group:	-
Paragraph / Letter:	-
Hazard identification:	-
EmS-code:	-
Marine pollutant:	-
Description:	-
Air transport ICAO-TI and IATA-DGR:	-
ICAO-TI / IATA-class:	-
UN- / ID-number:	-
Packing group:	-
Paragraph / Letter:	-
Hazard identification:	-
EmS-code:	-
Description:	-

15. Regulatory Information:

15.1 Labelling in accordance with GefStoffV / EC:	The product does not require any hazard warning label in accordance with EC directives and / or German directives on dangerous substances.
15.2 Other relevant regulations:	-
15.3 Chemical safety assessment:	-

16. Further Information:

This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations:

n. a.	Not applicable.
n. b.	Not indicated.