



according Regulation (EU) No. 2015/830

Date of issue: 18.02.2019

Revision date: - / Version: 1.0

HinriPart BioStar

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

- 1.1. Product identifier:
Product name: HinriPart BioStar
Milling blank made of wax
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:
Relevant identified uses: Industrial use, Professional use
- 1.3. Details of the supplier of the safety data sheet:
Manufacturer/Supplier: ERNST HINRICHS Dental GmbH
Street / mailbox: Borsigstr. 1
Country code. / postal code / city: D - 38644 Goslar
Phone: 0 53 21 / 5 06 24
Fax: 0 53 21 / 5 08 81
E-mail / Website: info@hinrichs-dental.de / www.hinrichs-dental.de
Further information obtainable from: ERNST HINRICHS Dental GmbH
- 1.4. Emergency telephone number
ERNST HINRICHS Dental GmbH: +49 (0) 53 21 / 5 06 24 - 25 (Mon-Fri. 8 a.m. – 4 p.m.)

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture:
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified
- 2.2. Label elements:
Labelling according to Regulation (EC) No. 1272/2008 [CLP]:
No labelling required
- 2.3. Other hazards:
Results of PBT and vPvB assessment
No additional information available.

SECTION 3: Composition/information on ingredients

- 3.1. Substances: Not applicable
- 3.2. Mixtures:
This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First aid measures:

- 4.1. Description of first aid measures:
- First-aid measures general: Never give anything by mouth to an unconscious person. If unconscious, place in the recovery position and seek medical advice.
- First-aid measures after inhalation: Allow breathing of fresh air. If breathing stops, give artificial respiration. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact: Take off contaminated clothing and wash it before reuse. On skin contact with hot product, immediately immerse in cold water or cool with plenty of water. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion: Rinse mouth. Get medical advice/attention if you feel unwell.
- 4.2. Most important symptoms and effects, both acute and delayed: Not expected to present a significant hazard under anticipated conditions of normal use.



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4.3. Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media:
 Suitable extinguishing media: Making extinguishing agents environment-friendly. Foam. Fire-extinguishing powder. Carbon dioxide. Sand.
 Unsuitable extinguishing media: Water.

5.2. Special hazards arising from the substance or mixture: No additional information available.

5.3. Advice for firefighters:
 Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Provide adequate ventilation. Evacuate unnecessary personnel. Use personal protective equipment as required. Avoid dust formation.

6.2. Environmental precautions: Avoid sub-soil penetration. Prevent soil and water pollution. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up: Allow hot material to cool. On land, sweep or shovel into suitable containers. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Dispose of in accordance with relevant local regulations.

6.4. Reference to other sections: Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:
 Additional hazards when processed: Ensure good ventilation of the work station. Avoid dust formation and vapour formation. Avoid skin contact with hot wax.
 Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities:
 Storage conditions: Store in original container. Store tightly closed in a dry and cool place. Store and transport in a cool and dry environment, if possible lying in a horizontal position (to prevent deformation of wax items). Protect from heat, direct sunlight and UV radiation.

7.3. Specific end use(s): No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters:
 No additional information available
 DNEL:
 No additional information available
 PNEC:



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<p>No additional information available</p> <p>8.2. Exposure controls:</p> <p>Appropriate engineering controls:</p> <p>Personal protective equipment:</p> <p>Hand protection:</p> <p>Eye protection:</p> <p>Respiratory protection:</p> <p>Skin and body protection:</p>	<p>Provide local exhaust or general room ventilation to minimize mist and/or vapour concentrations.</p> <p>Wear suitable gloves. Nitrile rubber. Latex. 0.4 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> <p>Chemical goggles or safety glasses.</p> <p>Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. In case of dust formation use respirator with filter: P1.</p> <p>Wear suitable protective clothing.</p>
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SECTION 9: Physical and chemical properties

<p>9.1. Information on basic physical and chemical properties:</p> <p>Appearance:</p> <p>Odour:</p> <p>Odour threshold:</p> <p>pH:</p> <p>Melting point/freezing point:</p> <p>Initial boiling point and boiling range:</p> <p>Flash point:</p> <p>Evaporation rate:</p> <p>Flammability (solid, gas):</p> <p>Upper/lower flammability or explosive limits:</p> <p>Vapour pressure:</p> <p>Vapour density:</p> <p>Relative density:</p> <p>Solubility(ies):</p> <p>Partition coefficient: n-octanol/water:</p> <p>Auto-ignition temperature:</p> <p>Decomposition temperature:</p> <p>Viscosity:</p> <p>Explosive properties:</p> <p>Oxidising properties:</p> <p>9.2. Other information:</p> <p>Dropping point:</p> <p>Bulk density:</p>	<p>Solid. Beige. Gray</p> <p>Slight. Typical</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>> 220 °C (DIN 51376)</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>No data available.</p> <p>100-120 °C (DIN 51801)</p> <p>appr. 0,95 g/m³ (granulate/powder) (DIN 53466)</p>
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SECTION 10: Stability and reactivity

<p>10.1. Reactivity:</p> <p>10.2. Chemical stability:</p> <p>10.3. Possibility of hazardous reactions:</p> <p>10.4. Conditions to avoid:</p> <p>10.5. Incompatible materials:</p> <p>10.6. Hazardous decomposition products:</p>	<p>No dangerous reactions known under normal conditions of use.</p> <p>Stable under use and storage conditions as recommended in section 7.</p> <p>None under normal use.</p> <p>No information available.</p> <p>Strong oxidizers. Fluorides.</p> <p>No hazardous decomposition products known.</p>
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

SilaPart BioStar	
LD50 Oral Ratte	> 5000 mg/kg

Skin corrosion/irritation: Not classified
Based on available data, the classification criteria are not met

Serious eye damage/irritation: Not classified
Based on available data, the classification criteria are not met

Respiratory or skin sensitisation: Not classified
Based on available data, the classification criteria are not met

Germ cell mutagenicity: Not classified
Based on available data, the classification criteria are not met

Carcinogenicity: Not classified
Based on available data, the classification criteria are not met

Reproductive toxicity: Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure): Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure): Not classified
Based on available data, the classification criteria are not met

Aspiration hazard: Not classified
Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity:

Aquatic toxicity: Not classified

12.2. Persistence and degradability: No information available.

12.3. Bioaccumulative potential: No information available.

12.4. Mobility in soil: No information available.

12.5. Results of PBT and vPvB assessment:
Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects: No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Regional legislation (waste): Dispose in a safe manner in accordance with local/national regulations.

Waste treatment methods: Avoid sub-soil penetration. Prevent soil and water pollution. Prevent entry to sewers and public waters.



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Waste code: The waste code number according to the Ordinance on the European Waste Catalogue (AVV) depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.

SECTION 14: Transport information

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|---|--|
| 14.1. UN number:
ADR, IMDG, IATA: | Not regulated for transport |
| 14.2. UN proper shipping name:
ADR, IMDG, IATA: | Not applicable |
| 14.3. Transport hazard class(es):
ADR, IMDG, IATA: | Not applicable |
| 14.4. Packing group:
ADR, IMDG, IATA: | Not applicable |
| 14.5. Environmental hazards:
Marine pollutant:
Other information: | No
No
No supplementary information available |
| 14.6. Special precautions for user: | Not applicable. |
| 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code: | Not applicable. |

SECTION 15: Regulatory information

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|--|---|
| 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
EU-Regulations: | This mixture is classified as not hazardous according to regulation (EC) 1272/2008. |
| National regulations:
No additional information available | |
| 15.2. Chemical safety assessment: | A chemical safety assessment has not been carried out. |

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

Adjustments compared to earlier versions:
Not applicable. Initial release.

Abbreviations and acronyms:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
DNEL:	Derived No-Effect Level (REACH)
PNEC:	Predicted No-Effect Concentration (REACH)
LD50:	Lethal dose, 50 percent