



MATERIAL SAFETY DATA SHEET according 91/155/EWG

Product description: **Dental waxes**

Prepared: 01.01.2001

reviewed on: 22.10.2008

Printing Date: 15.03.2012

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No.: 01-0001

1.) Chemical Product & Company Identification

Type: Dental wax

Trade name: Wax BioStar

Manufacturer: ERNST HINRICHS GmbH
Borsigstr. 1
DE-38644 Goslar
Tel.: +49 (0) 5321 – 50624
info@hinrichs-dental.de

Fax: +49 (0) 5321 – 50881
www.hinrichs-dental.de

Emergency information: Tel.: +49 (0) 5321 – 3779-0

2.) Composition / information on ingredients

Description: mixture of waxes, resins and pigments

Dangerous components: void

3.) Hazard identification:

Hazard designation: void

Particular hazards for human:

in solid state: none

in molten state: direct contact with skin will cause burns.
thermal decomposition will generate irritant and harmful gases

4.) First aid measures:

General information: none

after inhalation: inhalation of vapour and gases, generated by thermal decomposition, may cause irritation of respiratory system. Supply fresh air and consult doctor in case of persevering symptoms.

after eye contact: instantly wash with cold water and soap and consult doctor.

after skin contact: in case of burns, caused by molten product, cool skin as fast as possible with running water (10 minutes). Avoid removing the product from skin and consult doctor instantly.

after swallowing: rinse mouth with water, get medical attention immediately.

5.) Fire fighting measures

Suitable extinguishing agents: extinguishing powder, foam or sand

Non suitable extinguishing agents: water

Specific hazards with regard to

fire fighting measures: thermal decomposition may cause generation of irritant and harmful gases, so fire-fighters should wear proper protective equipment.

6.) Accidental releasing measures:

Person related safety precautions:

in solid state none.

in molten state avoid direct contact with eyes or skin.

Measures for environmental protection: avoid release in sewerage or environment

Measures for cleaning / collecting:

allow molten product to solidify, collect mechanically.

7.) Handling and storage:



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Storage: store dry at temperatures not exceeding 45°C. Do not store in direct sunlight. Keep away from foodstuffs

Information for safe handling of the molten product:

do not inhale vapour or gases, keep care for good ventilation
avoid direct contact with the molten product. Observe standard hygiene measures in handling chemical substances.

8.) Exposure controls and personal protection:

the following information concerns the handling of the molten product.

Breathing equipment: keep care for good local ventilation.
Protection of hands: protective gloves
Eye protection: safety glasses
Body protection: protective work clothing (cotton).

9.) Physical and chemical properties

Form: solid
Colour: see label
Smell: specific
Change in condition:
Melting range:
Flash point: > 130°C
Decomposition point:
Danger of explosion: none
Density:

10.) Stability and reactivity:

Conditions to avoid: Storage at temperatures exceeding 45°C
Substances to avoid: strong oxidants
Dangerous products of decomposition: thermal decomposition may generate irritant and harmful gases, such as carbon oxides, condensed hydrocarbons and other.

11.) Toxicological information:

No information available.

12.) Ecological information:

Not soluble in water.

13.) Disposal considerations:

Product: Must be specially treated under adherence to official regulations

14.) Transport information

Not dangerous according to the above specifications:

15.) Regulatory information

Water hazard class: 0 (non hazardous for water)
Designation according to EC guidelines
Observe the normal safety regulations when handling chemicals

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.
This product is sold for industrial application only.