

# MATERIAL SAFETY DATA SHEET according 91/155/EWG

Product description: **Dental waxes**

Prepared: 01.01.2001

reviewed on: 22.10.2008

Printing Date: 08.11.2011

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**Material Safety Data Sheet , according to 91/155/EWG**

No.: 01-0001

## 1.) Chemical Product & Company Identification

**Type:** Dental waxes

**Trade name:** Deiberit hard sticky wax 502, Deiberit modelling perl wax, Wax profiles, Wax wires, Perawax, MarmoScan-Wax, TEK1-Wax

**Hersteller:** SILADENT Dr. Böhme & Schöps GmbH

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

## 2.) Composition / information on ingredients

**Description:** mixture of waxes, resins and pigments

**Dangerous components:**

CAS-No.:	Designation	% of weight	Index	R-phrases
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 firefighters 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 produkt:** 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 informations 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 carbonoxides, condensed hydrocarbons and other.

## 11.) Toxicological informations

No informations 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

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