

**al dente sculpturing and casting wax**

prepared: 01.01.1997

reviewed on: 09.07.1997:

printing date: 09.07.1997:

**Material Safety Data Sheet , according to 91/155/EWG** No.: 01-0001

**1.) Chemical Product & Company Identification**

**Trade name:** al dente sculpturing and casting wax

**Typ:**

**Date reviewed:** 09.07.1997

**Ordering No.:**

**Manufacturer:** al dente Dentalprodukte GmbH

Dieselstraße 20

88074 Meckenbeuren

Tel.: + 49 7542/ 40 90 -0

Fax: + 49 7542/ 40 90 -20

**Emergency information** Tel.: + 49 7542/ 40 90 -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 man:**

**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**

**al dente sculpturing and casting wax**

prepared: 01.01.1997

reviewed on: 09.07.1997:

printing date: 09.07.1997:

**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:**

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

**Information for save 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 ad 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**

Material Safety data sheet 2

No.: 01-0001 von 3

**al dente sculpturing and casting wax**

prepared: 01.01.1997

reviewed on: 09.07.1997:

printing date: 09.07.1997:

No informations available .

**12.) Ecological information:**

Not soluble in water.

**13.) Disposal considerations:**

**Produkt:** 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

<b>Contact:</b>	Mr. Steinhauser	Tel.: + 49 7542/ 40 90 - 15
	Mr. Vitzthum	Tel.: + 49 7542/ 40 90 - 11