

**al dente Die Spacer**

prepared: 01.11.1997  
reviewed on: 13.09.2009:  
printing date: 13.09.2009:

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

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

**Trade name:** al dente – Pro Die Spacers  
**Date reviewed:** 13.09.2009  
**Item No.:**  
**Manufacturer:** al dente Dentalprodukte GmbH  
Am Tobel 15  
88263 Horgenzell  
Tel.: + 49 7504/ 97091-0  
Fax: + 49 7504/ 97090-20  
**Emergency information** Tel.: + 49 7504/ 97091-0

**2.) Composition / information on ingredients**

**Description:** solution of binders in ethylacetate  
**Dangerous components:**

CAS-No.:	Designation	% of weight	Index	R-phrases
141-78-6	ethylacetate	> 80 %	F	R 11

**3.) Hazard identification:**

**Hazard designation:** R11 highly flammable  
**Particular hazards for man:** none particular hazards

**4.) First aid measures:**

**General information:** void  
**after inhalation:** in case of dizziness or unconsciousness after inhalation, expose person to fresh air and consult doctor, if necessary.  
**after eye contact:** rinse out with plenty of cold water and consult doctor instantly.  
**after skin contact:** wash skin with soap and water thoroughly  
**after swallowing:** rinse mouth with cold water and allow to drink a lot of water, avoid vomiting in any case, seek medical attention immediately and show this material safety data sheet

**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.

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### 6.) Accidental releasing measures:

<b>Person related safety precautions:</b>	remove all sources of ignition immediately. Use personal protection equipment and take care for good ventilation
<b>Measures for environmental protection:</b>	avoid discharge into sewerage or environment
<b>Measures for cleaning / collecting:</b>	use binder to absorb the liquid produkt, then clean thoroughly with plenty of water. Dispose of the used absorbence according to your local regulations

### 7.) Handling and storage:

<b>Storage:</b>	store at temperatures not exceeding 30°C . Do not store in direct sunlight. Keep away from foodstuffs
<b>Information for save handling:</b>	Observe standard hygiene measures in handling chemical substances. Do not eat, drink or smoke when working

### 8.) Exposure controls and personal protection:

<b>Breathing equipment:</b>	none, but good local ventilation is recommended
<b>Protection of hands:</b>	protective gloves
<b>Eye protection:</b>	safety glasses
<b>Body protection:</b>	protective work clothing (cotton).

### 9.) Physical and chemical properties

<b>Form:</b>	liquid
<b>Colour:</b>	red
<b>Smell:</b>	specific

#### Change in condition:

<b>Melting range:</b>	void
<b>Boiling point:</b>	75-77 °C
<b>Flash point:</b>	- 2 °C
<b>Ignition point:</b>	460 °C
<b>Density:</b>	n.a.
<b>Solubility in water:</b>	79 g/l

### 10.) Stability and reactivity:

<b>Conditions to avoid:</b>	Storage at temperatures exceeding 45°C
<b>Substances to avoid:</b>	strong oxidants
<b>Dangerous products of decomposition:</b>	thermal decomposition may generate irritant and harmful gases, such as carbonoxides.

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**11.) Toxicological informations**

Component	CAS-No.	Species	Kind of exposure	Data
ethylacetate	141-78-6	rat	oral	4935 mg/kg

**Irritation**

on skin contact: none  
on eye contact: none

**Sensitization:** no case of sensitization known

**12.) Ecological information:**

avoid disposal into the environment

**13.) Disposal considerations:**

**Produkt:** Must be specially treated under adherence to official regulations

**14.) Transport information**

on street: according to your national and local regulations

by air: ICAO/IATA- class: 3  
UN-No.: 1263  
Identification: paint

**15.) Regulatory information**

Water hazard class: 1 (slightly hazardous for water)

**Designation according to EC guidelines**

**Index:** F highly flammable  
**R-phrases:** R11 highly flammable  
**S-phrases:** S16 keep away from sources of ignition  
no smoking  
S23 do not breathe vapour

**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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