

al dente - Thinner Die spacer

prepared: 01.11.1997
reviewed on: 13.11.1997:
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Material Safety Data Sheet , according to 91/155/EWG No.: 03-2190

1.) Chemical Product & Company Identification

Trade name: al dente - Thinner - Die spacer

Date reviewed: 13.11.1997

Ordering No.: 03-2190

Manufacturer: al dente Dentalprodukte
C. Vitzthum & M. Steinhauser
Dieselstraße 20
88074 Meckenberuen
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Emergency information Tel.: + 49 7542/ 40 90 0

2.) Composition / information on ingredients

Description: solution of solvents in ethylacetate

Dangerous components:

<u>CAS-No.:</u>	<u>Designation</u>	<u>% of weight</u>	<u>Index</u>	<u>R-phrases</u>
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

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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: remove all sources of ignition immediately. Use personal protection equipment and take care for good ventilation
Measures for environmental protection: avoid discharge into sewerage or environment
Measures for cleaning / collecting: 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:

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

8.) Exposure controls and personal protection:

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

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9.) Physical and chemical properties

Form: liquid
Colour: clear, colourless
Smell: specific

Change in condition:

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

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.

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

Sensibilisation: no case of sensibilisation known

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12.) Ecological information:

avoid disposal into the environment

13.) Disposal considerations:

Produkt: Must be specially treated under adherence to official regulations

14.) Transport information

by street: according to your national and local regulations

by air: ICAO/IATA- class: 3
UN-No.: 1173
Identification: ethylacetate

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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