

al dente - Thinner Contact Marker, blue

prepared: 01.11.1997
reviewed on: 13.11.1997:
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Material Safety Data Sheet , according to 91/155/EWG No.:03-1220

1.) Chemical Product & Company Identification

Trade name: al dente - Thinner for Contact Marker
Date reviewed: 13.11.1997
Ordering No.: 03-1220
Manufacturer: al dente Dentalprodukte
C. Vitzthum & M. Steinhauser
Dieselstraße 20
88074 Meckenbeuren
Tel.: + 49 7542/ 4090-0
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Emergency information Tel.: + 49 7542/ 4090-0

2.) Composition / information on ingredients

Description: mixture of solvents

Dangerous components:

<u>CAS-No.:</u>	<u>Designation</u>	<u>% of weight</u>	<u>Index</u>	<u>R-phrases</u>
64-17-5	ethanol	> 50 %	F	R 11

3.) Hazard identification:

Hazard designation: F highly flammable
Particular hazards for man: R 11 highly flammable

4.) First aid measures:

General information: void
after inhalation: in case of dizziness after inhalation, expose person to fresh air .
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,
in case of persist complaints, consult doctor and show this
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).

9.) Physical and chemical properties

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Form: liquid
Colour: clear, colourless
Smell: specific

Change in condition:

Melting range: - 114.5 °C
Boiling point: 78 °C
Flash point: 13 °C
Ignition point: 425 °C
Density: n.a.
Solubility in water: soluble

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	LD 50
ethanol	64-17-5	rat	oral	7060 mg/kg

Irritation

on skin contact: none
on eye contact: none

Sensibilisation: no case of sensibilisation known

12.) Ecological information:

avoid disposal into the environment

13.) Disposal considerations:

Produkt: Must be specially treated under adherence to official regulations

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14.) Transport information

by street: according to your national and local regulations

by air: ICAO/IATA- class: 3
UN-No.: 1170
Identification: ethanol

15.) Regulatory information

Water hazard class: 0 (none hazardous for water)

Designation according to EC guidelines

Index:	F	highly flammable
R-phrases:	R11	highly flammable
S-phrases:	S 2	keep away from children
	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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