

al dente - Contact Marker, blue

prepared: 01.11.1997
reviewed on: 13.11.1997:
printing date: 13.11.1997:

Material Safety Data Sheet , according to 91/155/EWG No.: 03-1200

1.) Chemical Product & Company Identification

Trade name: al dente - Contact Marker
Date reviewed: 13.11.1997
Ordering No.: 03-1200
Manufacturer: al dente Dentalprodukte
C. Vitzthum & M. Steinhauser
Dieselstraße 20
88074 Meckenbeuren
Tel.: + 49 7542/ 4090-0
Fax: + 49 7542/ 4090-20
Emergency information Tel.: + 49 7542/ 4090-0

2.) Composition / information on ingredients

Description: suspension of pigments and binders in a 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).

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9.) Physical and chemical properties

Form: liquid
Colour: blue
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

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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.: 1263
Identification: paint

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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