

al dente Dentalprodukte GmbH, Am Tobel 15, 88263 Horgenzell
Water soluble paint - Art.Nr. 03-4110

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EG-material safety data sheet according 91/155/EWG
Water soluble paint - Aqua –Spacer

1.) Chemical product / Company identification

Trade name: Aqua Spacer
Ordering number: 03-4110
Manufacturer: al dente Dentalprodukte GmbH
 Am Tobel 15
 D-88263 Horgenzell
 Tel.: + 49 7504 / 9 70 91-0
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Emergency information Tel.: + 49 7504 / 9 70 91-0

2.) Composition / Information about ingredients

Chemical composition: Binder, pigments and dyes in a blend of various solvents and de-naturing agents

Hazardous components

Chemical designation	CAS-no.	Content (weight %)	R-phrases
Ethanol	64 - 17 - 5	40-90 %	R 11
2-propanol	67-63-0	0 – 50 %	R 11, R 36, R 67
Methyl ethyl ketone und other ketenes	78 - 93 - 3	ca. 1%	R 36, R 66, R 67

3.) Hazard identification

Hazard designation F highly flammable
 Xi irritant

Particular hazards for men and environment

R11 highly flammable
 R 36 irritant to eyes
 R 66 Prolonged direct contact may cause rough and crackly skin
 R 67 vapour may cause dizziness and doziness

4.) First aid measures

General information void
After inhalation in case of dizziness or doziness expose the person to fresh air and consult a doctor, if necessary
After eye contact rinse eyes for at least 10 minutes with plenty of cold water and consult a medical specialist immediately
After skin contact wash the relevant skin areas with plenty of soap and water. In case of enduring skin irritation consult doctor
After swallowing rinse mouth with plenty of water, avoid definitely inducing vomiting and seek medical attention immediately. Inform the doctor about this material safety data sheet.

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5.) Instructions for fire fighters

Suitable extinguishing agent: extinguishing powder, foam, water or sand
None suitable extinguishing agent: none
Specific hazards: thermal decomposition may generate irritant, harmful or even poison gases, so a suitable protective equipment is mandatory for fire fighters.

6.) Accidental release measures

Personal safety precautions **Remove all sources of ignition immediately.** Take care for good room ventilation and use personal protection equipment.

Environmental protection Avoid infiltration of the fluid into sewerage or surface waters

Cleaning instructions Use personal protection equipment and absorb the paint with a suitable universal binder or sand. Dispose of according your local regulations.

7.) Handling and storage instructions

Storage Avoid storage temperatures exceeding 30°C. Keep the container tightly closed, do not expose to direct sunlight and keep away from any foodstuff.

Handling Observe general hygiene measures in handling chemicals. Do not eat, drink or smoke when working.

8.) Personal protection equipment

Inhalation protection Normally not required. In case of accidental release, initiate good room ventilation and evacuate the room immediately.

Skin protection Rubber working gloves and cotton overall

Eye protection Safety goggles

Body protection Cotton overall.

9.) Physical and chemical properties

Appearance opaque liquid

Colour light yellow

Odour specific

Melting point about - 114 °C.

Boiling point about 80 °C

Flash point 13 °C.

Ignition point about 460 °C

Density no data available.

Solubility in water (20°C.) in any ratio

10.) Stability and reactivity

Conditions to avoid Storage temperatures beyond 30°C

Substances to avoid Strong oxidants

Dangerous decomposition products None, if handled properly

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11.) Toxicological information

No toxicological information about the paint is available. Nevertheless, since the main component is ethanol and all other potential dangerous components are contained in minor quantities, the toxicological profile of the paint is comparable to the one of pure ethanol

12.) Environmental information

WGK 1 (slightly polluting substance) Environmental hazard of the single container (20ml bottle) can be neglected.

13.) Disposal information

Product The product has to be classified as hazardous waste and disposed of according the local regulations for solvent containing paints

Packaging Spoiled bottles should be disposed of in the same way like the paint itself.

14.) Transport regulation

By street	ADR/RID	according the national and local regulation
By sea	IMDG-Code	below 21°C., 3, II
By air	CAO, PAX	

15.) Regulatory information

WGK 1 (slightly polluting substance)

Safety information

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S-phrases S 2 keep away from children
S 7 keep container tightly closed
S 16 keep away from sources of ignition, don't smoke
S 23 do not inhale vapour

Keep in mind the standard procedures in handling chemicals

16.) Additional information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship. The product is sold for industrial application only

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