

Safety Data Sheet according to 1907/2006/EC

Textmarker

Pelikan Vertriebsgesellschaft mbH & Co. KG

490 blue, pink, green, orange, red

414 blue, pink, orange

1. Identification of the substance/mixture and of the company undertaking

Trade name: Textmarker 490 (blue, pink, green, orange, red)
Textmarker 414 (blue, pink, orange)

Application of the substance/preparation: Consumer and/or professional use

Manufacturer/Supplier: Pelikan Vertriebsgesellschaft mbH & Co. KG
Street/PO. Box: Postfach 11 07 55
Nat. Code/Location: D-30102 Hannover Tel.: 0511-6969-0

Further information obtainable from:
- Chemisches Labor Tel.: 05171-299-0 Fax: 05171-299-249
- Institut für Umwelttechnik
Dr. Kühnemann und Partner GmbH Tel.: 0511-12194-0 Fax: 0511-12194-23
E-Mail: ifu@kuehnemann.de

Information in case of emergency: Tel.: 0511-12194-0 (Monday – Friday from 9 am till 5 pm)

2. Hazards identification

Classification of the substance or mixture: No dangerous preparation according to 1999/45/EC

Label elements: According to 1999/45/EC no labelling necessary

Hazard components for labeling: n.a.

Risk phrases: n.a.

Safety phrases: n.a.

Other hazards: No hazards if used for intended purpose

3. Composition / information on ingredients

Chemical characterization: Barrel and Cap: PP/PE
Ink: Aqueous dispersion of dye-stuff in acrylic ester and glycerol with preservatives

Hazardous ingredients according to 1999/45/EC: None

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4. First aid measures (ink)

Description of first aid measures

After inhalation:	Intake of fresh air
After skin contact:	Rinse with soap and running water
After eye contact:	Rinse with water thoroughly. Seek medical advice if necessary
After swallowing:	Rinse mouth with water. Seek medical advice if necessary
Most important symptoms and effects, both acute and delayed:	No data available
Indication of any immediate medical attention and special treatment needed:	No data available

5. Fire-fighting measures

Suitable extinguishing agents:	Water mist, foam, powder, carbon dioxide
For safety reasons unsuitable extinguishing agents:	Water jet
Special hazards arising from the substance or mixture:	Formation of common combustion products
Special protective equipment for fire-fighters:	Use self-contained breathing apparatus

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Avoid skin and eye contact with ink
Measures for environmental protection:	Do not empty into drains and waters
Measures for cleaning / collecting:	Pick up with absorbent material and dispose appropriate
Reference to other sections:	Methods of disposal look at chapter 13

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7. Handling and storage

Precautions for safe handling	No special measures necessary
Conditions for safe storage, including any incompatibilities	Keep away from severe frost
Specific end uses:	No data available

8. Exposure controls and personal protection

Control parameters

Occupational exposure limits (AGW) Germany:	No data available
Occupational exposure limits (OEL) EU:	No data available

Exposure controls

Personal protective equipment	Not necessary if used for intended purpose
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9. Physical and chemical properties (ink)

Form: liquid	Colour: blue, green, orange, pink, red	Odour:	odourless
Boiling range:	app. 100°C	Flashpoint:	n.a.
Ignition temperature	n.a.	Vapour pressure:	no data available
Explosion limits:	lower: n.a.	upper:	n.a.
Density at 20°C:	app. 1,0 g/cm ³	Viscosity at 25°C:	1 - 3 mm ² /s
Solubility in water:	soluble	pH-value:	5 - 7

10. Stability and reactivity

Reactivity and chemical stability:	No data available
Possibility of hazardous reactions:	None known if used for intended purpose
Incompatible materials:	Avoid contact with strong oxidizers
Dangerous decomposition products:	None known

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11. Toxicological information (ink)**Acute toxicity (LD₅₀):** LD₅₀ > 8 900 mg/kg rat (calculated)**Additional Information:** No data available**12. Ecological information (ink)****Toxicity:** No data available**Persistence and degradability:** No data available**Bioaccumulative potential:** No data available**Mobility in soil:** No data available**Results of PBT and vPvB assessment:** n.a.**Other adverse effects:** None known if used for intended purpose**13. Disposal consideration**

Small residues: domestic waste

Extensive amounts according to local regulations. European waste catalogue: 15 01 06 Mixed packaging

14. Transport information**Land transport ADR/RID** Textmarker is no dangerous good

UN-Nr.:	n.a.	Packing group:	n.a.
Proper shipping name:	n.a.	Environmental Hazards:	n.a.
Class:	n.a.		

Maritime transport IMDG

UN-Nr.:	n.a.	Packing group:	n.a.
Proper shipping name:	n.a.	EmS:	n.a.
Class:	n.a.	Marine Pollutant:	no

Air transport ICAO-TI and IATA-DGR

UN-Nr.:	n.a.	Packing group:	n.a.
Proper shipping name:	n.a.	Special provision:	
Class:	n.a.		

Special precautions for user: n.a.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** n.a.

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15. Regulatory information

EU regulations:

Dangerous preparation directive (1999/45/EC)

Dangerous substance directive (67/548/EWG)

REACH-directive (EU) Nr. 1907/2006

CLP-directive (EU) Nr. 1272/2008

National regulations (Germany)

Wassergefährdungsklasse

(water hazard class) -ink:

blue, green: Slightly endangering water (WGK 1)

pink, orange, red: Endangering water (WGK 2)

Störfallverordnung (12. BImSchV):

n.a.

Technische Anleitung Luft (TA-Luft):

n.a.

Lösemittelverordnung (31.BImSchV):

n.a.

Chemical Safety Assessment:

Not required

16. Other information

Indication of changes:

Shade 414 orange added

R-phrases mentioned in chapter 2 or 3:

n.a.

Further information:

Not to be used by children younger than three years

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
