

Safety Data Sheet
according to 1907/2006/EC**Highlighter-Ink**
yellow**Pelikan Vertriebsgesellschaft mbH & Co. KG****1. Identification of the substance/preparation and the company**

Trade name: Highlighter-Ink

Application of the substance/preparation: Ink for textliner

Manufacturer/Supplier: Pelikan Vertriebsgesellschaft mbH & Co. KG
Street/PO. Box: Postfach 11 07 55
Nat. Code/Location: D-30102 Hannover Tel.: +49-(0)-511-6969-0

Further information obtainable from:

- Chemisches Labor	Tel.: +49-(0)-5171-299-0	Fax: +49-(0)-5171-299-249
- Institut für Umwelttechnik	Tel.: +49-(0)-511-12194-0	Fax: +49-(0)-511-12194-23
Dr. Kühnemann und Partner GmbH	E-Mail: ifu@kuehnemann.de	

Information in case of emergency: Tel.: +49-(0)-511-12194-0 (Monday – Friday from 9 am till 5 pm)

2. Hazards identification

Hazard description: No dangerous preparation according to 1999/45/EC
No hazards if used for intended purpose

3. Composition / information on ingredients

Chemical characterization: Aqueous preparation of dye-stuff with preservatives

Dangerous components of the ink according to 1999/45/EC:

CAS-No.	EG-No.	Name	Classification		%
			Symbol	R-phrases (Chapt. 16)	
497-19-8	207-838-8	SODIUM CARBONATE	Xi	36	< 5

4. First aid measures

After inhalation: Intake of fresh air

After skin contact: Rinse with soap and water

After eye contact: Rinse with water thoroughly. Seek medical advice if necessary

After swallowing: Rinse mouth with water. Seek medical advice if necessary

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5. Fire-fighting measures

Suitable extinguishing agents: Highlighter-ink is not flammable

For safety reasons unsuitable extinguishing agents: n.a.

**Special exposure hazards arising from the product itself,
from combustion products or from resulting gases:** n.a.

Special protective equipment for fire-fighters: n.a.

6. Accidental release measures

Person-related safety precautions: Avoid skin and eye contact

Measures for environmental protection: No special measures necessary

Measures for cleaning / collecting: Pick up with absorbent material and dispose according to point 13

7. Handling and storage

Handling: No special measures necessary

Storage: Keep away from severe frost

8. Exposure controls and personal protection

Ingredients with limit values that require monitoring at the workplace: None

Personal protective equipment

Wear suitable gloves and eye protection. Recommended glove material: Natural rubber, natural latex (material thickness > 0,5 mm; breakthrough time > 8 h).

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Form: liquid	Colour: yellow	Odour:	odourless
Boiling range:	approx. 100 - 250° C	Flashpoint:	n.a.
Ignition temperature	n.a.	Vapour pressure:	--
Explosion limits: lower:	n.a.	upper:	n.a.
Density at 20°C:	approx. 1,1 g/cm ³	Viscosity at 25°C:	approx. 1 - 3 mm ² /s
Solubility in/miscibility with water:	soluble	pH-value:	approx. 10 - 12

10. Stability and reactivity

Conditions/substances to be avoided:	Avoid contact with strong oxidizers
Dangerous decomposition products:	None known if used for intended purpose

11. Toxicological information (ink)

Acute toxicity (LD₅₀):	LD ₅₀ > 9 800 mg/kg (rat) (calculated)
Additional Information:	May cause irritation in the eyes

12. Ecological information

Eco toxic effects (ink):	Slightly endangering water (WGK 1)
Mobility:	No data available
Persistence und biodegradability:	No data available
Bioaccumulation potential:	No data available
Evaluation of PBT-properties:	No chemical safety assessment required

13. Disposal consideration

Extensive amounts according to local regulations
Small residues: domestic waste
European waste catalogue: 08 0112 waste paint and varnish other than mentioned in 08 01 11*

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Highlighter-ink is no dangerous good

UN-Nr.: n.a.
Class: n.a.
Description of goods: n.a.
Hazard-determining component: n.a.**Packaging group:** n.a.
Limited quantity: n.a.**Maritime transport IMDG:****UN-Nr.:** n.a.
Class: n.a.
Proper shipping name: n.a.
Hazard-determining component: n.a.**Packaging group:** n.a.
EmS: n.a.
Marine Pollutant: n.a.**Air transport ICAO-TI and IATA-DGR:****UN-Nr.:** n.a.
Class: n.a.
Proper shipping name: n.a.
Hazard-determining component: n.a.**Packaging group:** n.a.**15. Regulatory information****Labelling according to 1999/45/EC:**

Highlighter-ink is no dangerous substance

Code letter and hazard designation of product: n.a.**Hazard-determining component of labelling:** n.a.**R- phrases:** n.a.**S-phrases:** n.a.**Safety assessment:** Not required

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16. Other information

EU-guidelines / directives

Dangerous preparation directive (1999/45/EC), Dangerous substance directive (67/548/EWG),
REACH-directive (EG) Nr. 1907/2006

Restriction of application recommended by the manufacturer:

Not to be used by small children

R-phrases mentioned in chapter 2 or 3:

R 36: Irritating to eyes

Alteration to last edition

Adaptation to REACH-directive (EC) Nr. 1907/2006

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.
