

Printing date: 18.06.2009

84027-4013

No. 12018 edition 01 from 27.04.2009

Page 1 of 5

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

Printing date: 18.06.2009

No. 12018 edition 01 from 27.04.2009

Page 2 of 5

Safety Data Sheet
according to 1907/2006/EC**Highlighter-Ink**
yellow**Pelikan Vertriebsgesellschaft mbH & Co. KG****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).

Printing date: 18.06.2009

No. 12018 edition 01 from 27.04.2009

Page 3 of 5

Safety Data Sheet
according to 1907/2006/EC

Highlighter-Ink
yellow

Pelikan Vertriebsgesellschaft mbH & Co. KG

9. Physical and chemical properties

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*

Printing date: 18.06.2009

No. 12018 edition 01 from 27.04.2009

Page 4 of 5

Safety Data Sheet
according to 1907/2006/EC

Highlighter-Ink
yellow

Pelikan Vertriebsgesellschaft mbH & Co. KG

14. Transport information

Land transport ADR/RID:

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

Printing date: 18.06.2009

No. 12018 edition 01 from 27.04.2009

Page 5 of 5

Safety Data Sheet
according to 1907/2006/EC

Highlighter-Ink
yellow

Pelikan Vertriebsgesellschaft mbH & Co. KG

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.
