

Safety Data Sheet acc. to 1907/2006/EC**Neon Marker 438****Pelikan Vertriebsgesellschaft mbH & Co. KG****1. Identification of the substance/preparation and the company**

Trade name: Neon Marker 438

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.: +49(0)511-6969-0

Further information obtainable from:

- Chemical Laboratory Tel.: +49(0)5171-299-0 Fax: +49(0)5171-299-249
- Institut für Umwelttechnik Dr. Kühnemann und Partner GmbH Tel.: +49(0)511-12194-0 Fax: +49(0)511-12194-23
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

Additional Information concerning particular hazards for human and environment: None

3. Composition / information on ingredients

Chemical characterization: Body: Polypropylene
Ink: Aqueous dispersion of dye-stuff and glycerol with preservatives

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

Blue, Green, Pink: None
Yellow:

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 (ink)

After inhalation: Intake of fresh air

After skin contact: Rinse with soap and water. Seek medical advice if necessary

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

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

Safety Data Sheet acc. to 1907/2006/EC

Neon Marker 438

Pelikan Vertriebsgesellschaft mbH & Co. KG

5. Fire-fighting measures

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

6. Accidental release measures (Ink)

Person-related safety precautions:	Avoid skin- and eye-contact with ink
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:	No special measures necessary
Additional information:	None

8. Exposure controls and personal protection

Ingredients with limit values that require monitoring at the workplace:	None
Limit values of the European Union	None
Personal protective equipment	Not necessary if used for intended purpose

Safety Data Sheet acc. to 1907/2006/EC**Neon Marker 438****Pelikan Vertriebsgesellschaft mbH & Co. KG****9. Physical and chemical properties (ink)**

Form: Liquid	Colour: Green, Blue Pink, Yellow	Odour:	Odourless
Boiling range:	approx. 100°C	Flashpoint:	n.a.
Ignition temperature	n.a.	Vapour pressure:	n.a.
Explosion limits: lower:	n.a.	upper:	n.a.
Density at 20°C:	approx. 1,1 g/cm ³	Viscosity at 25°C:	1-3 mm ² /s
Solubility in water:	Soluble	pH-value:	6 - 11,5

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 : > 8 900 mg/kg Ratte (calculated)
Additional Information:	No data available

12. Ecological information

Ecotoxic effects:	No data available
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

Small residues: domestic waste
Extensive amounts according to local regulations
European waste catalogue: EWC 15 01 02 packaging made of plastic

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UN-Nr.:	n.a.	Packaging group:	n.a.
Class:	n.a.	Limited quantity:	n.a.
Description of goods:	n.a.		
Hazard-determining component:	n.a.		

Maritime transport IMDG:

UN-Nr.:	n.a.	Packaging group:	n.a.
Class:	n.a.	EmS:	n.a.
Proper shipping name:	n.a.	Marine Pollutant:	n.a.
Hazard-determining component:	n.a.		

Air transport ICAO-TI and IATA-DGR

UN-Nr.:	n.a.	Packaging group:	n.a.
Class:	n.a.		
Proper shipping name:	n.a.		
Hazard-determining component:	n.a.		

15. Regulatory information

Labelling according to 1999/45/EC:	Classification and labelling acc. to 1999/45/EC not necessary for the article Neon Marker 438
Code letter and hazard designation of product	None
Hazard-determining component of labelling:	None.
R- phrases:	None
S-phrases:	None
Safety assessment:	Safety assessments for substances in this preparation are not required
National regulations (Germany)	
Water endangering class:	1 Slightly endangering water (calculated)
TA-Luft:	n.a.
Statutory order on hazardous incidents (12. BImSchV):	n.a.
Statutory order on solvents (31. BImSchV):	VOC-fraction: 0 %

Safety Data Sheet acc. to 1907/2006/EC

Neon Marker 438

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 children younger than 3 years

R-phrases mentioned in chapter 2 and 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 and describes the product ready for distribution especially the safety aspects. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
