

Safety Data Sheet
according to 1907/2006/EC

Stick Pen green

Pelikan Vertriebsgesellschaft mbH & Co. KG

1. Identification of the substance/preparation and the company**Trade name:** Stick Pen, green**Application of the substance/preparation:** Writing instrument**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:**

- Chemical Laboratory

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****Hazard description:**

No dangerous preparation according to 1999/45/EC

No hazards if used for intended purpose

3. Composition / information on ingredients**Chemical characterization:**

Pen: plastic

Ink: solutions of alcohol, dyestuff and additives

Dangerous components according to 1999/45/EC (ink):

CAS-No.	Name	Classification Symbol R-phrases (Pkt. 16)		%
100-51-6	BENZYL ALCOHOL	Xn	20/22	10-25
90506-69-7	ETHYLHEXYL PHOSPHORIC ACID ESTER	C	34	≤ 2,5

4. First aid measures (ink)**After inhalation:** Intake of fresh air. In case of complaints consult a doctor**After skin contact:** Rinse with soap and water**After eye contact:** Rinse thoroughly with water. If necessary seek medical advice**After swallowing:** Rinse mouth with water. Seek medical advice

Safety Data Sheet
according to 1907/2006/EC

Stick Pen green

Pelikan Vertriebsgesellschaft mbH & Co. KG

5. Fire-fighting measures

Suitable extinguishing agents: Powder, carbon dioxide, water mist

For safety reasons unsuitable extinguishing agents: Water jet

Special exposure hazards arising from the product itself, from combustion products or from resulting gases:

No special hazards known

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

Measures for environmental protection: Do not empty into drains and waters

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

8. Exposure controls and personal protection (ink)

Ingredients with limit values that require monitoring at the workplace: No data available

Limit values of the European Union No data available

Personal protective equipment Not necessary if used for intended purpose

Safety Data Sheet
according to 1907/2006/EC

Stick Pen green

Pelikan Vertriebsgesellschaft mbH & Co. KG

9. Physical and chemical properties (ink)

Form: fluid	Colour: green	Odour: characteristic
Boiling point: 205°C		Flashpoint: 101°C.
Ignition temperature 410°C		Vapour pressure at 20°C: 0,1 hPa
Explosion limits: lower: 1,3 Vol %		upper: 13 Vol %
Density at 20°C: no data available		Viscosity at 25°C: app. 8 500 mPas
Solubility in/miscibility with water: not soluble		pH-value: 4-7
Organic solvents: approx. 30 %		

10. Stability and reactivity

Conditions/substances to be avoided:	Avoid contact with strong oxidizers
Dangerous decomposition products:	None known

11. Toxicological information (ink)

Acute toxicity (LD₅₀):	No data available
Additional Information:	No data available

12. Ecological information (ink)

Ecotoxic effects:	Slightly endangering water
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: 15 01 02 Plastic Packaging

Safety Data Sheet
according to 1907/2006/EC

Stick Pen green

Pelikan Vertriebsgesellschaft mbH & Co. KG

14. Transport information**Land transport ADR/RID**

Stick Pen is no hazardous good

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:	no
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:** Not applicable for the article Stick Pen**Code letter and hazard designation of product**
None**Hazard-determining component of labelling**
None**R- phrases:** None**S-phrases:** None**Safety assessment:** Not required

Safety Data Sheet
according to 1907/2006/EC

Stick Pen green

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 (EC) 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 20: Harmful by inhalation
R 22: Harmful if swallowed
R 34: Causes burns

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.
