

Safety Data Sheet
according to 1907/2006/EC

Stick Pen: Soft Gel blue and red

Pelikan Vertriebsgesellschaft mbH & Co. KG

1. Identification of the substance/preparation and the company

Trade name: Stick Pen: Soft Gel, blue and red

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 glycol, dyestuff and additives

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

CAS-No.	Name	Classification Symbol R-phrases (Pkt. 16)	%
107-21-1	ETHYLENE GLYCOL	Xn 22	20-30

4. First aid measures (ink)

After inhalation: Intake of fresh air. In case of complaints consult a doctor

After skin contact: Rinse with water

After eye contact: Rinse thoroughly with water

After swallowing: Rinse mouth with water. In case of complaints consult a doctor

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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:

ETHYLENE GLYCOL, CAS-Nr.: 107-21-1

Specification: TRGS 900 - German Occupational Exposure Limit Values

Value: 10 ppm / 26 mg/m³

Peak limitation: 2(l) duration 15 min, mean; 4 times per shift; interval 1 hour

There is no reason to fear a risk of damage to the developing embryo or foetus when AGW and BGW are adhered to.

Limit values of the European Union

8 hours limit value: 52 mg/m³ (20 ppm)

Short term limit value: 104 mg/m³ (40 ppm)

Personal protective equipment Not necessary if used for intended purpose

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9. Physical and chemical properties (ink)

Form: fluid	Colour: blue and red	Odour: characteristic
Boiling point: no data available		Flashpoint: no data available
Ignition temperature 400°C		Vapour pressure: no data available
Explosion limits: lower: no data available		upper: no data available
Density at 20°C: no data available		Viscosity at 25°C: no data available
Solubility in/miscibility with water: soluble		pH-value: no data available
Organic solvents: approx. no data available		

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:	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

Extensive amounts according to local regulations
 Small residues: domestic waste
 European waste catalogue: 15 01 02 Plastic Packaging

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14. Transport information

Land transport ADR/RID

Stick Pen: Soft Gel 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: Soft Gel

Code letter and hazard designation of product

None

Hazard-determining component of labelling

None

R- phrases: None

S-phrases: None

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 22: Harmful if swallowed

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.
