

Safety Data Sheet
according to 1907/2006/EC**Fun Pen black****Pelikan Vertriebsgesellschaft mbH & Co. KG****1. Identification of the substance/preparation and the company****Trade name:** Fun Pen, black**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)	%
122-99-6	2-PHENOXYETHANOL	Xn 22, 36	25-50
65113-55-5	C.I. SOLVENT BLACK 46	Xn 22	25-50
100-51-6	BENZYL ALCOHOL	Xn 20/22	10-25
90506-69-7	ETHYLHEXYL PHOSPHORIC ACID ESTER	C 34	2,5-10

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

Fun Pen black

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:

2-PHENOXYETHANOL, CAS-Nr.: 122-99-6

Specification: TRGS 900 - German Occupational Exposure Limit Values

Value: 20 ppm / 110 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 No data available

Personal protective equipment Not necessary if used for intended purpose

Safety Data Sheet
according to 1907/2006/EC

Fun Pen black

Pelikan Vertriebsgesellschaft mbH & Co. KG

9. Physical and chemical properties (ink)

Form: fluid	Colour: black	Odour: characteristic
Boiling point: 205°C		Flashpoint: 101°C.
Ignition temperature 435°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.16 000 mPas
Solubility in/miscibility with water: not soluble		pH-value: 6,5
Organic solvents: approx. 33 %		

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):	LD ₅₀ > 1980 mg/kg (rat) (LD ₅₀ for 2-PHENOXYETHANOL)
Additional Information:	May cause irritation in the eyes

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

Fun Pen black

Pelikan Vertriebsgesellschaft mbH & Co. KG

14. Transport information

Land transport ADR/RID Fun 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 Fun 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

Fun Pen black

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 20: Harmful by inhalation
R 22: Harmful if swallowed
R 34: Causes burns
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.
