

Safety Data Sheet according to 1907/2006/EC

Stick Pro red

Pelikan Vertriebsgesellschaft mbH & Co. KG

1. Identification of the substance/mixture and of the company undertaking

Trade name: Stick Pro

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.: 0511-6969-0

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

Classification according to 1999/45/EC: According to ChemG (chemical legislation) the product is defined as an article, which needs no hazard classification according to the European directive of dangerous preparations.

Label elements: According to the European directive of dangerous preparations the product is an article and therefore not to label

Hazard components for labeling: n.a.

Risk phrases: n.a.
Safety phrases: n.a.

Other hazards: No hazards if used for intended purpose

3. Composition / information on ingredients

Chemical characterization: Body: Plastic
 Paste: Mixture of alcohol and dye-stuff

Hazardous ingredients according to 1999/45/EC (paste):

CAS-No.	EG-No.	Name	Classification Symbol	R-phrases	%
122-99-6	204-589-7	2-PHENOXYETHANOL	Xn, Xi	22, 36	25-50
110-63-4	203-786-5	1,4-BUTANDIOL	Xn	22	10-25
989-38-8	213-584-9	C.I. BASIC RED	Xn, Xi, N	22, 41, 51/53	2,5-10
110-82-7	203-806-2	CYCLOHEXANE	Xn, Xi, F, N	11, 38, 50/53, 65, 67	2,5-10

Safety Data Sheet according to 1907/2006/EC

Stick Pro red

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4. First aid measures (paste)

Description of first aid measures

After inhalation:	Intake of fresh air. Seek medical advice if necessary
After skin contact:	Rinse with soap and running water
After eye contact:	Rinse with water thoroughly. Seek medical advice if necessary
After swallowing:	Rinse mouth with water. Seek medical advice
Most important symptoms and effects, both acute and delayed:	No further relevant information available
Indication of any immediate medical attention and special treatment needed:	No further relevant information available

5. Fire-fighting measures

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

6. Accidental release measures (paste)

Personal precautions, protective equipment and emergency procedures:	Avoid skin and eye contact with ink. Don't inhale vapours
Measures for environmental protection:	Do not empty into drains and waters
Measures for cleaning / collecting:	Pick up with absorbent material and dispose appropriate
Reference to other sections:	Methods of disposal look at chapter 13

Safety Data Sheet according to 1907/2006/EC

Stick Pro red

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7. Handling and storage

Precautions for safe handling	No special measures necessary
Conditions for safe storage, including any incompatibilities	No special measures necessary
Specific end uses:	Writing tool

8. Exposure controls and personal protection

Control parameters

Occupational exposure limits (AGW) Germany:

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

Specification: TRGS 900 - German Occupational Exposure Limit Values
 Value: 20 ppm / 110 mg/m³
 Peak limitation: 2(I)-excursion factor 2, duration 15 min, mean; 4 times per shift;
 There is no reason to fear a risk of damage to the developing embryo or foetus when AGW and BGW are adhered to.

1,4-BUTANDIOL, CAS-Nr.: 110-63-4

Specification: TRGS 900 - German Occupational Exposure Limit Values
 Value: 50 ppm / 200 mg/m³
 Peak limitation: 4(II)-excursion factor 4, duration 15 min, mean; 4 times per shift;

CYCLOHEXANE, CAS-Nr.: 110-82-7

Specification: TRGS 900 - German Occupational Exposure Limit Values
 Value: 200 ppm / 700 mg/m³
 Peak limitation: 4(II)-excursion factor 4, duration 15 min, mean; 4 times per shift;
 A classification according to groups A-C is not possible, because either there is no data available or the available data is insufficient for a final evaluation.

Occupational exposure limits (OEL) EU:

CYCLOHEXANE, CAS-Nr.: 110-82-7

Specification: RL 2006/15/EG
 8 hours limit value: 700 mg/m³ (200 ppm)
 Short term limit value: No data available

Exposure controls

Personal protective equipment	Not necessary if used for intended purpose
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9. Physical and chemical properties (paste)

Form: liquid	Colour: red	Odour:	like alcohol
Boiling range:	185 °C	Flashpoint:	101 °C
Ignition temperature	370 °C	Vapour pressure:	0,1 hPa
Explosion limits: lower:	2,6 Vol %	upper:	12 Vol %
Density at 20°C:	no data available	Viscosity at 20°C:	21000 mPa
Solubility in water:	not soluble	pH-value:	8 ± 0,5

10. Stability and reactivity

Reactivity and chemical stability:	No data available
Possibility of hazardous reactions:	None known if used for intended purpose
Incompatible materials:	Avoid contact with strong oxidizers
Dangerous decomposition products:	None known

11. Toxicological information (paste)

Acute toxicity (LD₅₀):	LD ₅₀ > 1020 mg/kg (rat) (calculated)
Additional Information:	May cause irritation of eyes

12. Ecological information (paste)

Toxicity:	No data available
Persistence and degradability:	No data available
Bio accumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT and vPvB assessment:	n.a.
Other adverse effects:	None known if used for intended purpose

13. Disposal consideration

Small residues: domestic waste

Extensive amounts according to local regulations. European waste catalogue: 15 01 10* Packaging containing residues of or contaminated by dangerous substances

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14. Transport information**Land transport ADR/RID** Stick Pro is no dangerous good

UN-Nr.:	n.a.	Packing group:	n.a.
Proper shipping name:	n.a.	Environmental Hazards:	n.a.
Class:	n.a.		

Maritime transport IMDG

UN-Nr.:	n.a.	Packing group:	n.a.
Proper shipping name:	n.a.	EmS:	n.a.
Class:	n.a.	Marine Pollutant:	no

Air transport ICAO-TI and IATA-DGR

UN-Nr.:	n.a.	Packing group:	n.a.
Proper shipping name:	n.a.		
Class:	n.a.		

Special precautions for user: n.a.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** n.a.**15. Regulatory information**

EU regulations:

Dangerous preparation directive (1999/45/EC)
Dangerous substance directive (67/548/EWG)
REACH-directive (EU) Nr. 1907/2006
CLP-directive (EU) Nr. 1272/2008

National regulations (Germany)**Wassergefährdungsklasse
(water hazard class):**

Paste: Endangering water (WGK 2)

Störfallverordnung (12. BImSchV):
Technische Anleitung Luft (TA-Luft):
Lösemittelverordnung (31.BImSchV):

n.a.
n.a.
14,8 Vol-% organic solvent

Chemical Safety Assessment:

Not required

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16. Other information

Indication of changes: n.a.

R-phrases mentioned in chapter 2 or 3 (paste):

R 11	Highly flammable
R 22	Harmful if swallowed
R 36	Irritating to eyes
R 41	Risk of serious eye damage
R 50/53	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
R 51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
R 65	Harmful: may cause lung damage if swallowed
R 67	Vapour may cause drowsiness and dizziness

Further information: Not to be used by children younger than 3 years

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.
