

SAFETY DATA SHEET

5 STAR RETRACTABLE MEDIUM BALLPEN RED - 909981
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1. **IDENTIFICATION OF THE PREPARATION AND THE COMPANY/UNDERTAKING**

1.1 **Identification of the Preparation**

Retractable ball point pen with brass point and stainless steel ball.

1.2 **Identification of the Company/Undertaking**

Hainenko Limited
284 Chase Road
Southgate
London N14 6HF

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1.3 **Utilization of the substance/preparation**

The ball point pens may be used to write on paper

2 Composition/information on ingredients				
Chemical Name	Cas n°	%	Elincs/Einecs Number	Classification
BLACK INK				
Benzyl alcohol	100-51-6	10-25		Xn; R 20-22
Solvent Orange 3	495-54-5	2,5-10		Xn; R 22
2-phenossiethanol	122-99-6	25-50	203-539-1	Xn; R 22-36
Solvent Violet 8	52080-58-7	2,5-10		Xn; R 22-36-40
BLUE INK				
2-phenossiethanol	122-99-6	10-25	204-589-7	Xn; R 22-36
1,2-propandiol	57-55-6	10-25	200-338-0	
2-metilpentano-2,4- diolo	107-41-5	2,5-10	203-489-0	Xi; R 36/38
Estere dell'acido etilesil osforico	90506-69-7	2,5-10		C; R 34
Chemical characterization: item with clip, button and barrel in ABS/polystyrene, grip in rubber and metallic point. Refills contain a mixture of dyes and additives.				

3 Hazards identification

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Nothing to report

4 First aid measures

- 4.1 Skin contact:** wash the exposure skin area with soap and water, if the ink gets in contact with it.
- 4.2 Eyes contact:** flush with water, if the ink gets in contact with eyes; if irritation persists, consult a physician.
- 4.3 Ingestion:** no poisoning danger. In case of ingestion of the cap, seek medical care for eventual removal: the ventilated cap has sufficient air flow which allows the injured person to reach a medical centre.
- 4.4 Inhalation:** N/A

5 Fire-fighting measures

- 5.1 Extinguishing media:** foam or humid fog.
- 5.2 Forbidden extinguishing media:** none
- 5.3 Combustion risks:** not complete combustion can produce CO and/or CO₂ or other dangerous products.
- 5.4 Protection equipment:** The firemen must wear the special equipment for combustion accidents.

6 Accidental release measures

- 6.1 Personal precaution:** gliding may happen.
- 6.2 Environmental precaution:** in case of accidental release in the environment, inform the competent authority immediately.
- 6.3 Cleaning method:** no particular method

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7 Handling and storage

7.1 Handling: nothing to report.

7.2 Storage: avoid direct sunlight; keep a 10-20°C room temperature.

7.3 Particular use: none

8 Exposure controls/personal protection

8.1 Specific control parameters/limit value: none

8.2 Exposure control

8.2.1 Professional exposure control

8.2.1.1. Respiratory protection: not necessary

8.2.1.2. Handles protection: not necessary.

8.2.1.3. Eyes protection: not necessary

8.2.1.4. Skin protection: not necessary

8.2.2 Environmental exposure control: nothing to report

9 Physical and chemical properties

9.1 Appearance: physical state: solid

colour: various

odour: no odour

9.2 Safety parameters: pH (inks): $6,0 \pm 0,5$

boiling point/interval (inks): 205°C

ignition temperature (inks): $\leq 21^\circ\text{C}$

flammability (inks): $>100^\circ\text{C}$

explosive properties: N/A

vapour pressure: N/A

relative density: N/A

solubility: in water: N/A

in fat: N/A

viscosity: N/A

vapour density: N/A

evaporation rate: N/A

9.3 Other information: none

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10	Stability and reactivity
<p>10.1 Conditions to avoid: none</p> <p>10.2 Materials to avoid: none</p> <p>10.3 Dangerous decomposition products: combustion can produce CO, CO₂ and propylene oligomers at low molecular weight</p>	
11	Toxicological information
Under standard conditions of use no harm to healthy is known.	
12	Ecological information
<p>12.1 Ecological toxicity: N/A</p> <p>12.2 Mobility: N/A</p> <p>12.3 Persistence and degradability: N/A</p> <p>12.4 Bioaccumulation potential: N/A</p> <p>12.5 Other adverse effects: N/A</p> <p style="text-align: center;">Follow strictly the current normative and do not waste.</p>	
13	Disposal considerations
Waste disposal must be through incineration.	
14	Transport information
Nothing to report	
15	Regulatory information
Nothing to report	

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16	Other information
R 20/22	Harmful by inhalation and if swallowed
R 22	Harmful if swallowed
R 33	Danger of cumulative effects
R 34	Causes burns
R 35	Causes severe burns
R 36	Irritating to eyes
R 36/38	Irritating to eyes and skin
R 38	Irritating to skin
R 40	Limited evidence of carcinogenic effects
R 41	Risk of serious damage to eyes
R 48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed
R 50	Very toxic to aquatic organisms
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
<p>All the information on this document is based on current knowledge and concerning the security description of the item, therefore they are not intended as a guarantee for specific characteristics.</p>	
<p>The user must follow the information according to the utilization he wants to do.</p>	
<p>The product, however, has to be put in stock, worked and used just in relation to its use.</p>	