
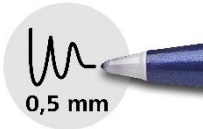









## Product data sheet

May 14<sup>th</sup>, 2024

Product			
<b>Trade name:</b>		<b>Description:</b>	
<b>Topball 847</b>		<ul style="list-style-type: none"> <li>• Rollerball with a conical tip made of plastic</li> <li>• Line width approx. 0.5 mm</li> <li>• Elastically supported ball rolls especially smoothly</li> <li>• Cap-off ink does not run dry even if the cap is removed for 2 – 3 days</li> <li>• Eco-friendly and resource-saving pen body made from 82 % recycled plastic</li> </ul>	
<u>Article number</u>	<u>Line width</u>	<u>Writing colour</u>	<u>Internal number</u>
8471	0.5 mm	black	400414
8472	0.5 mm	red	400415
8473	0.5 mm	blue	400416
8474	0.5 mm	green	400417
<b>Recycled plastic</b>		<b>Internal material number</b>	
		508317	
		  	
			
Figure: Art.-no. 8471 (black), 8472 (red), 8473 (blue), 8474 (green)			

Components	
<b>Used material:</b>	<b>Ink:</b>
Recycled plastic material: Polypropylene (PP) Polyethylene (PE) Polyester Polyoxymethylene (POM) Hard metal	Filling per pen: 1.85 g Water-based ink. Ink consists of colorants, polyhydric alcohols and additives.

Indication for security and environment																									
<b>Barrel:</b>	<b>Ink:</b>																								
<b>Hazardous ingredients</b> None according to EU directives	<p>The information in this section is based on the safety data sheet according to Regulation (EC) No. 1907/2006 (REACH). All stated contents are provided in percentage by weight.</p> <p><b><u>Writing colour black</u></b> <b>Hazardous ingredients</b></p> <table border="0"> <tr> <td>Reaction products of tetrazotized 5-amino-2-[(E)-2-(4-amino-2-sulfophenyl)ethenyl] benzenesulfonic acid with 6-amino-4-hydroxy-naphthalene-2-sulfonic acid and 4-amino-5-hydroxy-naphthalene-2,7-disulfonic acid in 2-[bis(2-hydroxyethyl)amino]ethanol</td> <td>EG-Nr. 916-899-6</td> </tr> <tr> <td>10 - &lt;25 %</td> <td></td> </tr> <tr> <td>Diethylene glycol</td> <td>CAS 111-46-6</td> </tr> <tr> <td>5 - &lt;10 %</td> <td></td> </tr> <tr> <td>Ethylene glycol</td> <td>CAS 107-21-1</td> </tr> <tr> <td>3 - &lt;5 %</td> <td></td> </tr> <tr> <td>2-Methyl-1,2-thiazol-3(2H)-one</td> <td>CAS 2682-20-4</td> </tr> <tr> <td>0.0015 - &lt;0.01 %</td> <td></td> </tr> <tr> <td>2-Octyl-2H-isothiazol-3-on</td> <td>CAS 26530-20-1</td> </tr> <tr> <td>0.0015 - &lt;0.005 %</td> <td></td> </tr> </table> <p><b>Classification of the mixture:</b></p> <table border="0"> <tr> <td rowspan="3"></td> <td>GHS07</td> </tr> <tr> <td>Skin Sens. 1</td> </tr> <tr> <td>H317 May cause an allergic skin reaction.</td> </tr> </table> <p>Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.</p>	Reaction products of tetrazotized 5-amino-2-[(E)-2-(4-amino-2-sulfophenyl)ethenyl] benzenesulfonic acid with 6-amino-4-hydroxy-naphthalene-2-sulfonic acid and 4-amino-5-hydroxy-naphthalene-2,7-disulfonic acid in 2-[bis(2-hydroxyethyl)amino]ethanol	EG-Nr. 916-899-6	10 - <25 %		Diethylene glycol	CAS 111-46-6	5 - <10 %		Ethylene glycol	CAS 107-21-1	3 - <5 %		2-Methyl-1,2-thiazol-3(2H)-one	CAS 2682-20-4	0.0015 - <0.01 %		2-Octyl-2H-isothiazol-3-on	CAS 26530-20-1	0.0015 - <0.005 %			GHS07	Skin Sens. 1	H317 May cause an allergic skin reaction.
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	<p><b><u>Writing colour red</u></b>  <b>Hazardous ingredients</b>  C. I. Acid Red 73 CAS 5413-75-2  2.5 – 10 %  C. I. Acid Red 87 CAS 17372-87-1  ≤ 2.5 %</p> <p><b>Classification of the mixture:</b>  The product is not classified according to the CLP regulation.</p> <p><b><u>Writing colour blue</u></b>  <b>Hazardous ingredients</b>  2-Methyl-2H-isothiazol-3-on CAS 2682-20-4  ≤ 1 %  2-Octyl-2H-isothiazol-3-one CAS 26530-20-1  ≤ 1 %</p> <p><b>Classification of the mixture:</b></p> <p> GHS07  Skin Sens. 1  H317 May cause an allergic skin reaction.</p> <p>Aquatic Chronic 3  H412 Harmful to aquatic life with long lasting effects.</p> <p><b><u>Writing colour green</u></b>  <b>Hazardous ingredients</b>  2-Methyl-1,2-thiazol-3(2H)-one CAS 2682-20-4  ≤ 1 %</p> <p><b>Classification of the mixture:</b></p> <p> GHS07  Skin Sens. 1  H317 May cause an allergic skin reaction.</p>
<p><b>Flashpoint:</b>  none</p>	<p><b>Flashpoint:</b>  Writing colour black: &gt;93 °C  Writing colour red, blue and green: not applicable</p>
<p><b>Solubility in water:</b>  insoluble</p>	<p><b>Solubility in water:</b>  miscible in all proportions</p>
<p><b>Extinguishing media:</b></p> <ul style="list-style-type: none"> <li>• Water spray</li> <li>• CO<sub>2</sub></li> <li>• Dry-chemical fire extinguisher</li> <li>• Foam</li> </ul>	<p><b>Contact with skin:</b>  Wash with water and soap, do not use solvents.</p> <p><b>After swallowing:</b>  Rinse mouth with water. In case of persistent symptoms consult doctor.</p> <p><b>After eye contact:</b>  Remove contact lenses. Rinse opened eye for several minutes under clean, running water. Then consult a doctor.</p>

<b>Disposal:</b> Environmentally friendly. No contamination of air or ground water in combusting plant. Empty refills can be disposed off with daily garbage considering local regulations.	<b>Disposal:</b> <u>Europe</u> According to local regulation, ex. to dispose of as colours. European waste catalogue "Code 080111".
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The information in this product data sheet refers to commercial quantities of finished products. It may not be always applicable for materials and preparations used for industrial processing.

The above mentioned data are based on our today's knowledge. They don't guarantee characteristics. Users of our products have to consider present laws and regulations in own responsibility. This product data sheet is not subject to an updating service.

Schneider has been certified as the first company of the writing instruments industry since 1998 after the world's most stringent environmental management system EMAS.