



## Data sheet for safety and environment

September 27<sup>th</sup>, 2019

Product					
<b>Trade name:</b>		<b>Description:</b>			
<b>Slider Memo XB</b>		<p>Ballpoint pen with Viscoglide® technology for extraordinarily easy, gliding writing.</p> <p>ExtraBroad line width (XB). The black ink is waterproof according to ink standard ISO 12757-2.</p> <p>The ink dries quickly – even on smooth paper – and is smudge proof when highlighting it later on. The ergonomically shaped, generously rubberised barrel is designed for relaxed writing without hand fatigue. The cap has a sturdy metal clip and fits neatly on either end of the pen.</p> <p>The wear-resistant stainless steel tip guarantees that the large ink supply can be fully used and does not smear.</p>			
<u>Article No.</u>	<u>Line width</u>			<u>Writing colour</u>	<u>Internal No.</u>
150201	XB			black	407665
150202	XB			red	407666
150203	XB			blue	407667
150204	XB			green	407668
150206	XB			orange	407669
150208	XB			violet	407671
150209	XB	pink	407672		
 <p>figure: Slider Memo XB, writing colour blue</p>					

Components		
<b>Barrel:</b>	<b>Paste:</b>	
<b>Used material per pen:</b>	<b>Filling per pen:</b>	0.56 g
Polypropylene (PP) Thermoplastic elastomer (TPE) Butyl rubber Metal Stainless steel tip with hard metal ball	Paste consists of colorants, solvents, resins and additives.	

Indication for security and environment	
<b>Barrel:</b>	<b>Paste:</b>
<b>Hazardous ingredients</b> none according to EU directives	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.

**Writing colour black**

**Hazardous ingredients**

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
Benzyl alcohol 10 – 25 %	CAS 100-51-6
C. I. Solvent Black 46 10 – 25 %	CAS 65113-55-5
Phosphoric acid mono-bis- (2-ethylhexyl)-ester ≤ 1 %	CAS 12645-31-7

**Classification of the mixture:**



GHS05 Corrosion  
Eye Dam. 1  
H318 Causes serious eye damage.



GHS09 Environment  
Aquatic Acute 1  
H400 Very toxic to aquatic life.  
Aquatic Chronic 1  
H410 Very toxic to aquatic life with long lasting effects.



GHS07  
Skin Irrit. 2  
H315 Causes skin irritation.  
Skin Sens. 1  
H317 May cause an allergic skin reaction.  
STOT SE 3  
H335 May cause respiratory irritation.

**Writing colour red**

**Hazardous ingredients**

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
C. I. Solvent Red 252 10 – 25 %	CAS 1261971-57-6
Butane-1,4-diol 10 – 25 %	CAS 110-63-4

**Classification of the mixture:**



GHS05 Corrosion  
Eye Dam. 1  
H318 Causes serious eye damage.



GHS09 Environment  
Aquatic Chronic 1  
H410 Very toxic to aquatic life with long lasting effects.



GHS07  
Skin Sens. 1  
H317 May cause an allergic skin reaction.

**Writing colour blue**

**Hazardous ingredients**

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
Benzyl alcohol 10 – 25 %	CAS 100-51-6
2-Methylpentane-2,4-diol 10 – 25 %	CAS 107-41-5
C. I. Solvent Violet 8 2,5 – 10 %	CAS 561-41-1
C. I. Solvent Blue 4: less than 0.1 % Michler´s Ketone 2,5 – 10 %	CAS 6786-83-0
Phosphoric acid mono-bis- (2-ethylhexyl)-ester 2,5 – 10 %	CAS 12645-31-7

**Classification of the mixture:**



GHS05 Corrosion  
Eye Dam. 1  
H318 Causes serious eye damage.



GHS07  
Skin Irrit. 2  
H315 Causes skin irritation.  
Skin Sens. 1  
H317 May cause an allergic skin reaction.

**Writing colour green**

**Hazardous ingredients**

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
Benzyl alcohol 10 – 25 %	CAS 100-51-6
C. I. Solvent Blue 51 2.5 – 10 %	CAS 68411-04-1
C. I. Solvent Yellow 82 2.5 – 10 %	CAS 85029-58-9
Phosphoric acid mono-bis- (2- ethylhexyl) -ester 2.5 – 10 %	CAS 12645-31-7

**Classification of the mixture:**



GHS05 Corrosion  
Eye Dam. 1  
H318 Causes serious eye damage.



GHS07  
Skin Irrit. 2  
H315 Causes skin irritation.  
Skin Sens. 1  
H317 May cause an allergic skin reaction.  
Aquatic Chronic 3  
H412 Harmful to aquatic life with long lasting effects.

### Writing colour orange

#### **Hazardous ingredients**

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
C. I. Solvent Yellow 47 10 – 25 %	CAS 12227-04-2
Butane-1,4-diol 10 – 25 %	CAS 110-63-4
Oleoylsarcosinic acid ≤ 1 %	CAS 110-25-8

#### **Classification of the mixture:**







GHS07  
Acute Tox. 4  
H302 Harmful if swallowed.  
Eye Irrit. 2  
H319 Causes serious eye irritation.

### Writing colour violet

#### **Hazardous ingredients**

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
Benzyl alcohol 10 – 25 %	CAS 100-51-6
C. I. Solvent Red 49 2,5 – 10 %	CAS 509-34-2
Phosphoric acid mono-bis- (2-ethylhexyl)-ester 2,5 – 10 %	CAS 12645-31-7
C. I. Solvent Violet 8 ≤ 2,5 %	CAS 561-41-1
C. I. Solvent Blue 4; less than 0,1 % Michler's Ketone ≤ 1,0 %	CAS 6786-83-0

#### **Classification of the mixture:**

	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 10px;">  <p>GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage.</p> </div> <div>  <p>GHS07 Acute Tox. 4 H302 Harmful if swallowed. Skin Irrit. 2 H315 Causes skin irritation. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.</p> </div> </div> <p><b>Supplemental hazard information:</b> EUH208 Contains C.I. Solvent Blue 4: less than 0,1% Michler's Ketone. May produce an allergic reaction.</p> <p><b>Writing colour pink</b></p> <p><b>Hazardous ingredients</b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">2-Phenoxyethanol 10 – 25 %</td> <td style="width: 30%; text-align: right;">CAS 122-99-6</td> </tr> <tr> <td>2-Methylpentane-2,4-diol 10 – 25 %</td> <td style="text-align: right;">CAS 107-41-5</td> </tr> <tr> <td>C. I. Solvent Red 49 2,5 – 10 %</td> <td style="text-align: right;">CAS 509-34-2</td> </tr> <tr> <td>Phosphoric acid mono-bis-(2-ethylhexyl)-ester 2,5 – 10 %</td> <td style="text-align: right;">CAS 12645-31-7</td> </tr> <tr> <td>Cyclohexane ≤ 1,0 %</td> <td style="text-align: right;">CAS 110-82-7</td> </tr> </table> <p><b>Classification of the mixture:</b></p> <div style="display: flex; flex-direction: column; align-items: flex-start; margin-top: 10px;"> <div style="margin-bottom: 10px;">  <p>GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage.</p> </div> <div>  <p>GHS07 Skin Irrit. 2 H315 Causes skin irritation. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.</p> </div> </div>	2-Phenoxyethanol 10 – 25 %	CAS 122-99-6	2-Methylpentane-2,4-diol 10 – 25 %	CAS 107-41-5	C. I. Solvent Red 49 2,5 – 10 %	CAS 509-34-2	Phosphoric acid mono-bis-(2-ethylhexyl)-ester 2,5 – 10 %	CAS 12645-31-7	Cyclohexane ≤ 1,0 %	CAS 110-82-7
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<p><b>Flashpoint:</b> not determined</p>	<p><b>Flashpoint:</b> Writing colours black, green, violet, pink: 101 °C Writing colour red, orange: &gt;113 °C Writing colour blue: 94 °C</p>										
<p><b>Solubility in water:</b> insoluble</p>	<p><b>Solubility in water:</b> not miscible / difficult to mix</p>										
<p><b>Indication:</b> Plastics are dyed with cadmium-free pigments.</p>	<p><b>Contact with skin:</b> Wash with water and soap, do not use solvents.</p>										

<b>Extinguishing media:</b> <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>	<b>After swallowing:</b> Rinse mouth with water. In case of persistent symptoms consult doctor.
	<b>After Eye contact:</b> Remove contact lenses. Rinse opened eye for several minutes under running water. Then consult a doctor.
<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>Odour:</b> Agreeably sweet / aromatic. No dangerous vapours because of low concentration during writing process.
	<b>Disposal:</b> <u>Europe</u> According to local regulation, ex. to dispose of as colours. According to local regulation, ex. to dispose of as colours. European waste catalogue "Code 080111".

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.

