


Data sheet for safety and environment

May 25, 2016

Product			
Trade name:		Description:	
Slider Memo XB		Ballpoint pen with Viscoglide® technology for extraordinarily easy, gliding writing. ExtraBroad line width (XB). 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. The wear-resistant stainless steel tip guarantees that the large ink supply can be fully used and does not smear.	
Article No.	Line width		Writing colour
150201	XB		black
150202	XB		red
150203	XB		blue
150204	XB		green
154206	XB		orange
154208	XB	violet	
150209	XB	pink	
			
figure: Slider Memo XB, writing colour blue			

Components		
Barrel:	Ink:	
Used material per pen:	Filling per pen:	0.56 g
Polypropylene (PP) Thermoplastic elastomer (TPE) Polyoxymethylene (POM) Acrylnitrile-Butadiene-Styrene (ABS) Metal Stainless Steel	Paste consists of colorants, solvents, resins and additives.	

Indication for security and environment	
Barrel:	Ink:
Hazardous ingredients none according to EU directives	Writing colour black Hazardous ingredients 2-Phenoxyethanol CAS 122-99-6 25-50 % Benzyl alcohol CAS 100-51-6 10-25 % C. I. Solvent Black 46 CAS 65113-55-5 10-25 % Phosphoric acid mono-bis-(2-ethylhexyl)-ester CAS 12645-31-7 ≤ 2.5 %

Classification of the mixture



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



GHS09 Environment
Aquatic Chronic 2
H411 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.

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 2
H411 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 CAS 84281-86-7
2.5-10 %

C. I. Solvent Blue 4: less than 0.1 % Michler's Ketone
CAS 6786-83-0
2.5-10 %

Phosphoric acid mono-bis-(2-ethylhexyl)-ester
CAS 12645-31-7
2.5-10 %

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 CAS 122-99-6
25-50 %

Benzyl alcohol CAS 100-51-6
10-25 %

C. I. Solvent Yellow 82 CAS 85029-58-9
2.5-10 %

Phosphoric acid mono-bis-(2-ethylhexyl)-ester
CAS 12645-31-7
2.5-10 %

Classification of the mixture



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



GHS09 Environment
Aquatic Chronic 2
H411 Toxic to aquatic life with long lasting effects.



GHS07
Skin Irrit. 2
H315 Causes skin irritation.

Writing colour orange

2-Phenoxyethanol CAS 122-99-6
50-100 %
C. I. Solvent Yellow 146 CAS 94279-65-9
2.5-10 %
Phosphoric acid mono-bis-(2-ethylhexyl)-ester
CAS 12645-31-7
≤ 2.5 %

Classification of the mixture



GHS07
Skin Irrit. 2
H315 Causes skin irritation.
Eye Irrit. 2
H319 Causes serious eye 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 violet

2-Phenoxyethanol CAS 122-99-6
25-50 %
Benzyl alcohol CAS 100-51-6
10-25 %
C. I. Solvent Red 49 CAS 509-34-2
2.5-10 %
Phosphoric acid mono-bis-(2-ethylhexyl)-ester
CAS 12645-31-7
2.5-10 %
C. I. Solvent violet 8 CAS 84281-86-7
≤ 2.5 %
C. I. Solvent Blue 4: less than 0.1 % Michlers´ Ketone
CAS 6786-83-0
≤ 1.0 %



Classification of the mixture



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



GHS07
Skin Irrit. 2
H315 Causes skin irritation.

	<p><u>Writing colour pink</u></p> <p>2-Phenoxyethanol CAS 122-99-6 10-25 %</p> <p>2-Methylpentane-2,4-diol CAS 107-41-5 10-25 %</p> <p>C. I. Solvent Red 49 CAS 509-34-2 2.5-10 %</p> <p>Phosphoric acid mono-bis-(2-ethylhexyl)-ester CAS 12645-31-7 2.5-10 %</p> <p>Cyclohexane CAS 110-82-7 ≤ 1.0 %</p> <p>Classification of the mixture</p> <p> GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage.</p> <p> GHS07 Skin Irrit. 2 H315 Causes skin irritation.</p> <p>Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.</p>
Flashpoint: none	Flashpoint: 101 °C
Solubility in water: insoluble	Solubility in water: not miscible / difficult to mix
Indication: Plastics are dyed with cadmium-free pigments.	Contact with skin: Wash with water and soap, do not use solvents.
Extinguishing media: <ul style="list-style-type: none"> • Water spray • CO₂ • Dry-chemical fire extinguisher • Foam 	After swallowing: Rinse mouth with water. In case of complaints, call immediately a doctor.
	After Eye contact: Remove contact lenses. Rinse opened eye for several minutes under running water. Then consult a doctor.
	Agreeably sweet / aromatic No dangerous vapours because of low concentration during writing process.
Disposal: Environmentally friendly. No contamination of air or ground water in combusting plant. Empty refills can be disposed off with daily garbage considering local regulations.	Disposal: <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 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.

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.

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 .

