Product data sheet **October 11th, 2023**

Product

Trade name:

Slider Edge

Article no.	Line width	Writing colour	Internal no.
152001	F	black	407745
152002	F	red	407746
152003	F	blue	407747
152101	M	black	407748
152102	M	red	407749
152103	M	blue	407750
152104	M	green	407751
152201	XB	black	407752
152202	XB	red	407753
152203	XB	blue	407754
152204	XB	green	407755
152205	XB	yellow	407756
152206	XB	orange	407757
152207	XB	brown	407758
152208	XB	violet	407759
152209	XB	pink	407760
152210	XB	light blue	407761
152211	XB	light green	407762

Recycled plastic	Internal material number
Pen body	508317; 497181

Description:

- Ballpoint pen with Viscoglide® technology
- For extraordinarily smooth and gliding writing
- Eco-friendly and resource-saving *pen body made of 83 % recycled plastic
- Rubberised three-edged barrel for relaxed writing without hand fatigue
- Does not roll on the desk and fits perfectly into pupils‘ pen cases or pen drawers
- The cap fits neatly on the end of the barrel
- Wear-resistant stainless steel tip
- Line widths Fine (F), Medium (M) and Extra Broad (XB)
- Black ink waterproof according to ink standard ISO 12757-2
- Ink dries quickly and is smudge proof when highlighting it later on
- Available in 11 ink colours
- Produced CO_2 neutrally
- Both used recycling plastics are tested for harmful substances, according to the Toy Standard EN 71-3.

The recycling plastic PP has an EuCertPlast certified raw material source. EuCertPlast is a Europe-wide certification program for the recycling of plastic waste. The EuCertPlast certificate of the raw material source is available to us and is monitored by us with regard to the topicality.

Figure: Slider Edge XB, writing colour blue, #152003

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Components

Used material:	Ink:	
Recycled plastic materials: Polypropylene (PP) and Thermoplastic elastomer (TPE) Butyl rubber Stainless steel Hard metal	Filling per pen:	0.45 g
	Paste consists of colorants, solvents, resins and additives.	

Indication for security and environment

Barrel:

Hazardous ingredients

none according to EU directives

Ink:

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.

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Writing colour red

Hazardous ingredients

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
Benzyl alcohol 10 – 25 %	CAS 100-51-6
2,2'-(octadec-9-enylimino)bisethanol 2.5 – 10 %	CAS 25307-17-9

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 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.

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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 yellow

Hazardous ingredients

2-Phenoxyethanol 10 – 25 %	CAS 122-99-6
Benzyl alcohol 2.5 – 10 %	CAS 100-51-6
2,2'-(octadec-9-enylimino) -bisethanol ≤ 2.5 %	CAS 25307-17-9
Phosphoric acid mono-bis-(2-ethylhexyl)-ester ≤ 2.5 %	CAS 12645-31-7

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.

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GHS07
Skin Irrit. 2
H315 Causes skin irritation.

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 brown

Hazardous ingredients

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
Oleoylsarcosinic acid 2.5 – 10 %	CAS 110-25-8
Butane-1,4-diol 2.5 – 10 %	CAS 110-63-4
2,2'-(octadec-9-enylimino)bisethanol 2.5 – 10 %	CAS 25307-17-9

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.

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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:

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

GHS07
Skin Irrit. 2
H315 Causes skin irritation.

Aquatic Chronic 3
H412 Harmful to aquatic life with long lasting effects.

Supplemental hazard information:

EUH208 Contains C.I. Solvent Blue 4: less than 0,1% Michler's Ketone. May produce an allergic reaction.

Writing colour pink

Hazardous ingredients

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
(Z)-N-9-octadecenylpropane-1,3-diamine ≤ 1 %	CAS 7173-62-8

Classification of the mixture:

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

GHS07
Skin Irrit. 2
H315 Causes skin irritation.

Aquatic Chronic 3
H412 Harmful to aquatic life with long lasting effects.

Writing colour light blue

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
Phosphoric acid mono-bis-(2-ethylhexyl)-ester 2.5 – 10 %	CAS 12645-31-7
(Z)-N-9-octadecenylpropane-1,3-diamine ≤ 1 %	CAS 7173-62-8

Classification of the mixture:

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

GHS07
Skin Irrit. 2
H315 Causes skin irritation.

Aquatic Chronic 3
H412 Harmful to aquatic life with long lasting effects.

Writing colour light green

Hazardous ingredients

2-Phenoxyethanol 25 – 50 %	CAS 122-99-6
Benzyl alcohol 10 – 25 %	CAS 100-51-6
C. I. Solvent Yellow 146 2.5 – 10 %	CAS 94279-65-9
C. I. Solvent Blue 38 2.5 – 10 %	CAS 72928-60-0

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	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.  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.
Flashpoint: not determined	**Flashpoint:** Writing colours black, red, green, violet, pink, lightgreen, lightblue: 101 °C Writing colour orange: > 113 °C Writing colour brown: 121 °C Writing colour blue: 94 °C Writing colour yellow: not determined
Solubility in water: insoluble	**Solubility in water:** not miscible / difficult to mix
	Contact with skin: Wash with water and soap, do not use solvents.
Extinguishing media: • Water spray • CO_2 • 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 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.

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