

Data sheet for safety and environment

November 26th, 2018

Product				
Trade name:		Description:		
Topliner 967		Fineliner with metal-encased writing tip for fine and exact results, approx. 0.4 mm. Wide variety of uses for school, hobbies and work – even enables you to work with a ruler and template. The cap-off ink does not run dry even if the cap is removed for 2-3 days. The barrel parts are made from anti-evaporation PP for long-term shelf-life.		
Line width:	0.4 mm			
Article no.	Writing colour			Internal no.
9671	black			400439
9672	red			400440
9673	blue			400441
9674	green			400442
196705	yellow			408269
196706	orange			408270
196707	brown			408271
196708	violet	408272		
196709	pink	408273		
196714	light blue	408274		



figure: Art.-No. 9673, writing colour blue

Components		
Barrel:	Ink:	
Used material:	Filling per pen:	1.75 g
Polypropylene (PP) Polyester Polyethylene (PE) Polyoxymethylene (POM) Stainless steel	Aqueous ink consisting of a mixture of water, polyhydric alcohol, colorants and additives.	

Indication for security and environment	
Barrel:	Ink:
Hazardous ingredients None according to EU directives	The information in this section is based on the safety data sheet according to OSHA HCS. All stated contents are provided in percentage by weight.



	<p><u>Writing colour black</u> Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – <25 %</p> <p>Diethylene glycol butyl ether CAS 112-34-5 5 – <10 %</p> <p>2,2'- Methyliminodiethanol CAS 105-59-9 1 – <5 %</p> <p><u>Writing colour blue</u> Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – <25 %</p> <p>Diethylene glycol butyl ether CAS 112-34-5 1 – <5 %</p> <p>Acid Blue 9 II CAS 3844-45-9 1 – <5 %</p> <p><u>Writing colour green</u> Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – <25 %</p> <p>Acid Blue 9 II CAS 3844-45-9 1 – <5 %</p> <p>Acid Yellow 9 se CAS 2706-28-7 1 – <5 %</p> <p>Classification of the inks black, blue and green The product does not meet the criteria for classification according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)</p> <p><u>Writing colour red</u> Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – 25 %</p> <p><u>Writing colour yellow</u> Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – 25 %</p> <p>Ethylene glycol CAS 107-21-1 2.5 – 10 %</p> <p><u>Writing colour orange</u> Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – 25 %</p>
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Item No. MSDS: 22567-1010, 22567-2024, 22567-3004, 22567-3064, 22567-4204, 22567-4504, 22567-5024, 22567-5034, 22567-6504, 22567-7004, 22567-8014

	<p>Writing colour violet</p> <p>Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – 25 %</p> <p>C. I. Acid Violet 17 CAS 4129-84-4 ≤ 2.5 %</p> <p>Writing colour light blue</p> <p>Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 2.5 – 10 %</p> <p>Ethylene glycol CAS 107-21-1 2.5 – 10 %</p> <p>Classification of the inks red, yellow, orange, violet and light blue:</p> <p> GHS08 Health hazard STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.</p> <p>Writing colour pink</p> <p>Hazardous ingredients</p> <p>Diethylene glycol CAS 111-46-6 10 – 25 %</p> <p>C. I. Basic Red 1 CAS 989-38-8 ≤ 1.0 %</p> <p>Classification of the ink</p> <p> GHS08 Health hazard STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Oral.</p> <p>Aquatic Acute 3 H402 Harmful to aquatic life. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.</p> <p>Writing colour brown</p> <p>Hazardous ingredients</p> <p>none</p> <p>Classification of the ink</p> <p>The product is not classified according to the Globally Harmonized System (GHS).</p>
<p>Flashpoint: none</p>	<p>Flashpoint: Writing colour red, yellow, orange, violet, pink: 146 °C Writing colour brown: 177 °C Writing colour black, blue, green, light blue: not determined</p>

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Solubility in water: insoluble	Solubility in water: miscible in all proportions
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 persistent symptoms consult doctor.
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.	After eye contact: Remove contact lenses. Rinse opened eye for several minutes under running water. Then consult a doctor.
	Disposal: Disposal must be made according to official regulations.

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.

