












Product data sheet

August 01st, 2024

| Product | | | | | |
|--|-----------------------|--|--------|-----------------------|------------------------|
| Trade name: | | Description: | | | |
| K 3 Biosafe | | <p>Ballpoint pen with *pen body made of min. 80 % biobased plastic. Clip and push button made of metal. Writing colour black, red, blue and green. With replaceable giant refill Medium (M), waterproof according to ink standard ISO 12757-2.</p> <p>The wear-resistant stainless steel tip guarantees that the large ink supply can be fully used and does not smear.</p> <p>Thanks to the clever Plug+Play system, the K 3 Biosafe pen can use a variety of refill formats.</p> | | | |
| <u>Line width:</u> | M | | | | |
| <u>Article-number</u> | <u>Housing colour</u> | | | <u>Writing colour</u> | <u>Internal number</u> |
| 3271 | white-black | | | black | 400296 |
| 3272 | white-red | | | red | 400297 |
| 3273 | white-blue | blue | 400298 | | |
| 3274 | white-green | green | 400299 | | |
|    | | | | | |
|  | | | | | |
| Abbildung: Art.-No. 3273 | | | | | |

| Components | | | | | |
|--|---|------------------|--------|--|--|
| Used material: | Paste: | | | | |
| Acrylonitrile butadiene styrene (ABS) Polyoxymethylene (POM) Metal Spring steel wire <u>Refill</u> Polypropylene (PP) Polyoxymethylene (POM) Stainless steel tip with hard metal ball | <table border="1"> <tr> <td>Filling per pen:</td> <td>0.75 g</td> </tr> <tr> <td colspan="2">Paste consists of colorants, solvents, resins and additives.</td> </tr> </table> | Filling per pen: | 0.75 g | Paste consists of colorants, solvents, resins and additives. | |
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| | <p>Benzyl alcohol CAS 100-51-6 10 – 25 %</p> <p>2,2'-(octadec-9-enylimino) bisethanol CAS 25307-17-9 2.5 – 10 %</p> <p>Classification of the mixture:</p> <p> GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage.</p> <p> GHS09 Environment Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.</p> <p> GHS07 Skin Irrit. 2 H315 Causes skin irritation.</p> <p><u>Writing colour blue</u></p> <p>Hazardous ingredients</p> <p>2-Phenoxyethanol CAS 122-99-6 25 – <50 %</p> <p>Phosphoric acid mono-bis- (2-ethylhexyl) -ester CAS 12645-31-7 10 – <25%</p> <p>C.I.Solvent Blue 51 CAS 68411-04-1 5 – <10 %</p> <p>Benzyl alcohol CAS 100-51-6 5 – <10 %</p> <p>C. I. Solvent Blue 4: less than 0,1 % 0,1 % Michler's Ketone CAS 6786-83-0 5 – <10 %</p> <p>C. I. Solvent Violet 8 CAS 561-41-1 3 – <5 %</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>Skin Sens. 1 H317 May cause an allergic skin reaction.</p> <p>STOT SE 3 H335 May cause respiratory irritation.</p> |
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|--|---|
| | <p><u>Writing colour green</u></p> <p>Hazardous ingredients</p> <p>2-Phenoxyethanol CAS 122-99-6 25 – 50 %</p> <p>Benzyl alcohol CAS 100-51-6 10 – 25 %</p> <p>C. I. Solvent Blue 51 CAS 68411-04-1 2.5 – 10 %</p> <p>C. I. Solvent Yellow 82 CAS 85029-58-9 2.5 – 10 %</p> <p>Phosphoric acid mono-bis- (2-ethylhexyl) -ester CAS 12645-31-7 2.5 – 10 %</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>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>Flashpoint: none</p> | <p>Flashpoint: Writing colour red and green: 101 °C Writing colour black: not determined Writing colour blue: >100 °C</p> |
| <p>Solubility in water: insoluble</p> | <p>Solubility in water: not miscible / difficult to mix</p> |
| <p>Extinguishing media:</p> <ul style="list-style-type: none"> • Water spray • CO₂ • Dry-chemical fire extinguisher • Foam | <p>Contact with skin: Wash with water and soap, do not use solvents.</p> <p>After swallowing: Rinse mouth with water. In case of persistent symptoms consult doctor.</p> <p>After eye contact: Remove contact lenses. Rinse opened eye for several minutes under running water. Then consult a doctor.</p> |
| | <p>Odour: Agreeably sweet / aromatic. No dangerous vapours because of low concentration during writing process.</p> |
| <p>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.</p> | <p>Disposal: <u>Europe</u> According to local regulation, ex. to dispose of as colours. European waste catalogue "Code 080111".</p> |

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.