Product data sheet **January 24th, 2025**

Product

Trade name:	Description:
Maxx 271 **Line width:** 1 – 2 mm	Paint marker with bullet tip for a medium line width of 1 - 2 mm. Ideal for marking and decorating rough and smooth surfaces, e.g. paper, plastic, glass, ceramics, metal, leather, rubber, etc. The marks made are highly opaque, have very good adhesion and abrasion resistance on almost all materials, are lightfast, water and weatherproof, resistant to many etching and washing procedures, as well as heat-resistant to up to 300 °C. The ink is controlled by a valve and is free of toluene and xylene. Individually shrink-wrapped ex works, replaceable writing tip.

Article No.	Writing colour	Internal No.
127101	black	407426
127102	red	407427
127103	blue	407428
127104	green	407429
127105	yellow	407430
127149	white	407431
127153	gold	407432
127154	silver	407433

Figure: Maxx 271, writing colour red (Art.-No. 127102), blue (Art.-No. 127103), white (Art.-No. 127149), gold (Art.-No. 127153)

General Product Safety Regulation (GPSR)

For the products mentioned above, risk analyses were carried out and technical documents were prepared in accordance with the General Product Safety Regulation 2023/988 (EU) GPSR.

Components

Used material:	Ink:	
Polypropylene (PP) Polyethylene (PE) V 2 A Polybutylene terephthalate (PBT) Polyethylene terephthalate (PET)	Filling per pen:	2.75 g
	Alcohol-based ink. Includes solvents, colorants and additives.	

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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

1-Methoxypropan-2-ol CAS 107-98-2
≥ 70 – < 90 %

2-methoxypropan-1-ol CAS 1589-47-5
< 0.30 %

Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.

GHS07
STOT SE 3
H336 May cause drowsiness or dizziness.

Writing colour red, blue and green

Hazardous ingredients

1-Methoxypropan-2-ol CAS 107-98-2
≥ 65 – < 85 %

Nitrocellulose CAS 9004-70-0
< 2,50 %

2-methoxypropan-1-ol CAS 1589-47-5
< 0.30 %

Amines, C12-18-alkyldimethyl CAS 68391-04-8
< 0.25 %

Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.

GHS07
STOT SE 3
H336 May cause drowsiness or dizziness.

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Writing colour yellow

Hazardous ingredients

1-Methoxypropan-2-ol CAS 107-98-2
≥ 60 – < 80 %

2-methoxypropan-1-ol CAS 1589-47-5
< 0.30 %

Amines, C12-18-alkyldimethyl CAS 68391-04-8
< 0.25 %

Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.

GHS07
STOT SE 3
H336 May cause drowsiness or dizziness.

Writing colour white

Hazardous ingredients

1-Methoxypropan-2-ol CAS 107-98-2
≥ 40 – < 60 %

2-methoxypropan-1-ol CAS 1589-47-5
< 0.30 %

Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.

GHS07
STOT SE 3
H336 May cause drowsiness or dizziness.

Writing colour gold

Hazardous ingredients

1-Methoxypropan-2-ol CAS 107-98-2
50 – <75 %

Copper flakes (coated with aliphatic acid) CAS 7440-50-8
10 – <25 %

Zinc powder - zinc dust (stabilized) CAS 7440-66-6
3 – <5 %

Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.

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<table>
<tr><td></td><td>

Aquatic Acute 1
H400 Very toxic to aquatic life.
Aquatic Chronic 2
H411 Toxic to aquatic life with long lasting effects.

GHS07
Eye Irrit. 2
H319 Causes serious eye irritation.
STOT SE 3
H336 May cause drowsiness or dizziness.

<u>Writing colour silver</u>
Hazardous ingredients
1-Methoxypropan-2-ol CAS 107-98-2
≥ 60 – < 80 %
Aluminium powder (stabilised) CAS 7429-90-5
≥ 10 – < 20 %
2-methoxypropan-1-ol CAS 1589-47-5
< 0.30 %
Classification of the mixture:

GHS02 Flame
Flam. Liq. 3
H226 Flammable liquid and vapour.


GHS07
STOT SE 3
H336 May cause drowsiness or dizziness.
</td></tr>
<tr><td>Flashpoint:
none</td><td>Flashpoint:
31 °C</td></tr>
<tr><td>Solubility in water:
insoluble</td><td>Solubility in water:
miscible</td></tr>
<tr><td rowspan="3">Extinguishing media:
• Water spray
• CO_2
• Dry-chemical fire extinguisher
• Foam</td><td>Contact with skin:
Wash with water and soap, do not use solvents.</td></tr>
<tr><td>After swallowing:
Rinse mouth with water. In case of persistent symptoms consult doctor.</td></tr>
<tr><td>After eye contact:
Remove contact lenses. Rinse opened eye for several minutes under running water. Then consult a doctor.</td></tr>
<tr><td></td><td>Odour:
Alcoholic / ethereal odour. No dangerous concentration of alcoholic vapour during application.</td></tr>
<tr><td>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.</td><td>Disposal:
<u>Europe</u>
According to local regulation, ex. to dispose of as colours. European waste catalogue “Code 080111”.</td></tr>
</table>

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.

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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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