

## Product data sheet


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| Article description   |                        |
|---|------------------------|
| STAEDTLER Lumocolor permanent marker<br><b>348 duo permanent marker</b> | <b>Made in Germany</b> |

| Constituents                        |   |
|-------------------------------------|---|
| Inks:                               | Alcohol based<br>Dyestuffs<br>Binding agent and additive  |
| Holder:                             | Plastics:<br>Barrel / cap PP<br>Sealing (in the cap with clip): PE<br>Refill station 488 48: PP |
| Packaging:                          | STAEDTLER Box: PP   |
| PP: polypropylene, PE: polyethylene |   |

| Conformity  |   |
|---|---|
| STAEDTLER Lumocolor permanent marker, 348 meet the standards:   |   |
| ISO 11540   | 'Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements'.<br>Ventilated caps reduce the danger of asphyxiation for children up to the age of 14 should caps be swallowed accidentally. |
| ASTM D-4236   | These products are tested by ACMI (Art & Creative Material Institute) and conform to the US-Standard ASTM D-4236. According to the standard, a qualified toxicologist tests the products.   |
| The products meet the Regulations (EG) No. 1907/2006 (REACH) and No. 1272/2008 (CLP) concerning the Registration, Evaluation, Authorization and Restriction of Chemicals. |   |

| Usage notes    |  |
|----------------|--|
| Dry safe:      | Can be left uncapped for days without drying up. Test conditions according to ISO 554.   |
| Airplane-safe: | Automatic pressure equalisation prevents the pens from leakage during flight.  |
| Lightfastness: | Color Black is very resistant.   |
| Line widths:   | approx. 0,6 mm + 1 – 2 mm  |
| Refill 488 48: | Available for the colours red, blue, green and black<br>REACH SAFETY DATA SHEETS for the refill station 488 48 can be provided to commercial buyers. |

 has been certified to ISO 9001 and ISO 14001 and considered in the selection of raw materials and their processing in the relevant national and international laws to protect the users.