

Product data sheet

address STAEDTLER Mars GmbH & Co. KG
Moosäckerstr. 3
90427 Nürnberg
phone +49 911 93 65 - 888
fax +49 911 93 65 - 769
internet www.staedtler.de
e-mail service@staedtler.com



Article description	
STAEDTLER Lumocolor permanent universal pens 318	Made in Germany

Constituents	
Inks:	Alcohol based Dyestuffs Binding agent and additive
Holder:	Plastics: Barrel PP Cap PP Sealing PE Refill station 487 17: PP
Packaging:	STAEDTLER Box: PP
PP: polypropylene, PE: polyethylene	

Conformity	
STAEDTLER Lumocolor permanent pens 318 meet the standards:	
ISO 11540	'Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements'. 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. In accordance with REACH Regulation 1907/2006/EC, Article 33, you will find our current articles subject to mandatory reporting under the following link https://www.staedtler.com/REACH	

Usage notes	
Dry safe:	Can be left uncapped for days without drying up. Test conditions according to ISO 554.
Marking:	No ink migration when used on STAEDTLER overhead film. Please test on other surfaces first! Not suitable for use on coated surfaces whose top layer can be easily removed.
Airplane-safe:	Automatic pressure equalisation prevents the pens from leakage during flight.
Refill 487 17:	Available for the colours red, blue, green and black. REACH SAFETY DATA SHEETS for the refill station 487 17 can be provided to commercial buyers.

Staedtler 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.

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Article description	
STAEDTLER Lumocolor permanent pen 310 CDS	Made in Germany

Constituents	
Inks:	Alcohol based Dyestuffs Binding agent and additive
Holder:	Plastics: Barrel PP Cap PP Sealing PE
Packaging:	STAEDTLER Box: PP
PP: polypropylene, PE: polyethylene	

Conformity	
STAEDTLER Lumocolor permanent pens 310 meet the standards:	
ISO 11540	'Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements'. Ventilated caps reduce the danger of asphyxiation for children up to the age of 14 should caps be swallowed accidentally.
The products meet the Regulations (EG) No. 1907/2006 (REACH) and No. 1272/2008 (CLP) concerning the Registration, Evaluation, Authorization and Restriction of Chemicals. In accordance with REACH Regulation 1907/2006/EC, Article 33, you will find our current articles subject to mandatory reporting under the following link https://www.staedtler.com/REACH	

Usage notes	
Dry safe:	Can be left uncapped for days without drying up. Test conditions according to ISO 554.
Marking:	Ink does not penetrate into data storage layer. Dries in seconds, therefore ideal for left-handed user.
Airplane-safe:	Automatic pressure equalisation prevents the pens from leakage during flight.

Staedtler 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.

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Article description	
STAEDTLER Lumocolor permanent marker 348 duo permanent marker	Made in Germany

Constituents	
Inks:	Alcohol based Dyestuffs Binding agent and additive
Holder:	Plastics: Barrel / cap PP Sealing (in the cap with clip): PE 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'. 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. In accordance with REACH Regulation 1907/2006/EC, Article 33, you will find our current articles subject to mandatory reporting under the following link https://www.staedtler.com/REACH	

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:	F ca. 0,6 mm M Bullet tip ca. 1,5mm B Chisel tip ca.1,5mm - 4mm
Refill 488 48:	Available for the colours red, blue, green and black REACH SAFETY DATA SHEETS for the refill station 488 48 can be provided to commercial buyers.

Staedtler 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.

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Article description	
STAEDTLER Lumocolor permanent marker 350	Made in Germany

Constituents	
Inks:	Alcohol-based Dyestuffs Binding agent and additives
Holder:	Plastics: Barrel / cap PP
Refill units:	Refill station 488 50: PP
Packaging:	STAEDTLER Box: PP
PP: polypropylene,	

Conformity	
STAEDTLER Lumocolor permanent marker 350 meet the standards:	
ISO 11540	'Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements'. Ventilated caps reduce the danger of asphyxiation for children up to the age of 14 should caps be swallowed accidentally.
The products meet the Regulations (EG) No. 1907/2006 (REACH) and No. 1272/2008 (CLP) concerning the Registration, Evaluation, Authorization and Restriction of Chemicals. In accordance with REACH Regulation 1907/2006/EC, Article 33, you will find our current articles subject to mandatory reporting under the following link https://www.staedtler.com/REACH	

Usage notes	
Dry safe:	Can be left uncapped for days without drying up. Test conditions according to ISO 554.
Lightfast:	Black and green for over 10 years (light fastness tested on paper)
Line widths:	350: approx. 2 or 5 mm, 352: approx. 2 mm, 385: approx. 2 or 7 mm, 388: approx. 2 – 12 mm
Refill units:	Refill station and refill inks are available in red, blue, green and black. REACH SAFETY DATA SHEET for the refill stations 488 50 can be provided to commercial buyers.

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