

# PRODUCT DATA SHEET

## Lumocolor non-permanent

Universal pens for overhead film and almost all surfaces

STAEDTLER Lumocolor universal pens are subject to a comprehensive quality inspection and are not harmful if used in the proper manner.

EC safety data sheets are not required for Lumocolor universal pens. They are products and not substances or preparations classified as hazardous under European chemical law.

EC safety data sheets for the refill station can be provided to commercial buyers where applicable.

Lumocolor non-permanent 311·312·315·316	
Ink solvents	water / alcohol
Colouring agents	organic dyestuffs - colouring agents containing toxic heavy metals are not used -
Plastics *	barrel and protector cap PP refill station PP
Special features	water-soluble ink - <u>can be wiped off</u> overhead film using <u>water</u> refillable using refill station 487 15 – colours red, blue, green, black
Standards	ISO 11540 · ASTM-D4236

\* Plastics

PP = polypropylene

STAEDTLER does not use cadmium or lead-based colouring agents for the colouring of plastics.

### Important notes on application

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 - small particles hinder the ink flow.

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 accidentally swallowed.
ASTM D - 4236	Tested for the USA by toxicologists from the Art & Creative Material Institute, Inc. (ACMI)  The above mentioned products conform to the US standard ASTM D-4236

The standard ISO 11540 is adhered to for safety reasons, although these products are not intended for children's use.

The information contained herein is based on our present state of knowledge and does not provide warranty for any features. The suitability of our products for applications intended by the user has to be checked at the user's own risk.