

Chemical product data sheet

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Article description

STAEDTLER Lumocolor whiteboard
301 pen – 341 compact marker – 351, 351 B markers

Constituents

Inks:	Alcohol mix- e.g. propanol, ethyl alcohol Pigments – colouring agents containing toxic heavy metals are not used Binding agents and additives		
Holder:	Barrel	PP	
	Cap	PP	
	Sealing (cap)	PE	
Accessories:	park + write set	611 S:	ABS
	whiteboard-system wiper	651:	PP
		Soft pad with magnetic inlay and micro-fibre cleaning cloth	
Refill 488 51:	For markers 351, 351 B		PP
Packaging:	whiteboard cleaner	Bottle 681:	PE
	STAEDTLER box:		PP

PP: polypropylene, PE: polyethylene, ABS: acrylonitrile-butadiene-styrene copolymers

Toxicology

Not harmful if used in the proper manner. STAEDTLER products are subject to comprehensive quality inspections. REACH SAFETY DATA SHEETS for the refill station 488 51 and whiteboard cleaner 681 can be provided to commercial buyers.

Conformity

STAEDTLER Lumocolor whiteboard markers 301, 341, 351, 351 B 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.
ISO 554:	Standard atmospheres for conditioning and/or testing – Specifications. This standard contains the test parameters for the dry safe properties.
ASTM D-4236: For 341, 351, 351 B	Prüfung für USA durch Toxikologen des Art & Creative Material Institute, Inc. (ACMI): The mentioned products conform to the US standard ASTM D-4236.

Usage notes

Dry safe:	341, 351, 351B: Can be left uncapped for days without drying up. 301: 8 hours.
Line widths:	301: 1 mm, 341: 1 – 2 mm, 351: bullet tip: 2 – 5 mm, 351 B: chisel tip: 2 oder 5 mm
Surfaces:	Can be dry-wiped from whiteboards and surfaces such as glass and porcelain without leaving a trace.
Refill 488 51:	For 351, 351 B available in the colours red, blue, green, black