

Chemical product data sheet

address STAEDTLER Mars GmbH & Co. KG
Moosaeckerstr. 3
90427 Nuernberg

phone +49 911 93 65 - 888
fax +49 911 93 65 - 769
internet www.staedtler.de
e-mail service@staedtler.de

Article description

STAEDTLER ballpoint pens **stick 430**

Constituents

Paste inks: Organic solvents – higher alcohols, e.g. phenoxyethanol, propandiol
Dyestuffs/ Pigments
Resin-based binding agents

Holder: Plastics / Metals:

Barrel:	SAN	
Cap:	PP	
Tip:	Silver:	Brass nickel plated, stainless steel ball
	Gold:	Brass, tungsten carbide ball (TC), plastic adapter PE

SAN: acrylonitrile-styrene copolymers, PP: polypropylene, PE: polyethylene

Toxicology

Not harmful if used in the proper manner.
STAEDTLER products are subject to comprehensive quality inspections.

Conformity

STAEDTLER stick meet the standards:

ISO 12757-1	'Ball point pens and refills – Part 1: General use'
ISO 12757-2	'Ball point pens and refills – Part 2: Documentary use (DOC)' Models which are available in indelible paste.
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.

Usage notes

Airplane-safe: Automatic pressure equalisation prevents pen leakage while on the plane.

Cap and clip in the colour of paste inks.