

**PRODUCT
SPECIAL**

INFORMATION SHEET



BALLPOINT PENS ROLLERBALLS

The EC safety data sheet is necessary only for dangerous substances and preparations subject to the relating EC directives and will be provided to you, where applicable.
For STAEDTLER ballpoint pens and rollerballs safety data sheets are not necessary, because these products are not regarded as dangerous substances or preparations as of the relating EC directives.

STAEDTLER always considers the relevant national and international regulations regarding consumer protection during the selection of the raw materials and in their manufacture. In addition, and this is of major importance, we pursue developments in the chemical and technical fields to offer our customers safe products that point the way ahead.
Since middle of 1996 STAEDTLER is certified according to ISO 9001. All processes are subject to regular controls. Thus, a constant good quality is ensured.

BALLPOINT PENS	BALLWRITERS
<p>HOUSING plastics for barrel and protector cap: Disposable pen: polypropylene PP, polyethylene PE, polystyrene PS and polystyrene copolymeres. The plastics for the refillable type depend on their technical properties. PVC is not used.</p> <p style="text-align: center; font-size: small;">STAEDTLER does not use coloring agents on the basis of cadmium or lead for the coloring of plastics.</p> <p>PASTES Synthetic coloring agents and resins, organic solvents (e.g. phenoxyethanol, propandiol). Ball point pen inks are highly viscous. The pastes are no dangerous preparations as of the Ordinance on Dangerous Material.</p> <p>STANDARDS STAEDTLER - ball point pens with cap meet the requirements of the ISO 11540. They are equipped with a ventilated cap. *) DIN 16554/1 Ball point pen refills, dimensions DIN 16554/2 Ball point pen refills, quality of writing **)</p> <p>DISPOSAL Protector cap with plastic clip and housing of ballpoint pen: plastic recycling removable metal parts (clip, point fixation): metal container Disposable type: household waste</p>	<p>HOUSING plastics for barrel and protector cap: polypropylene PP (404 dto, 413, 415 dto. - ink feed system ABS *) 4000, 408: housing: ABS * * acryl-butadiene-styrene-copolymeres PVC is not used.</p> <p>INKS Inks are water-based. STAEDTLER does not use coloring agents on the basis of cadmium or lead.</p> <p>STANDARDS STAEDTLER - ballwriters 401, 404, 413, 415, 446 meet the requirements of the ISO 11540. They are equipped with a ventilated cap. *)</p> <p>DISPOSAL Due to the different components the ballwriters shall be disposed of in the household waste. Protector cap and refills from plastic: plastic recycling</p>

*) Due to safety reasons this ISO standard is also valid for ballpoint pens, although they are not intended for children

**) Ballpoint pens and refills, which are intended for the use on documents, for example in bookkeeping etc. shall meet the requirements of the German Standard DIN 16554/2 and shall be marked correspondingly.
This standard includes requirements as for example lightfastness, resistance to drops of water, solvent resistance with respect to alcohol, resistance to erasure.
STAEDTLER offers several ballpoint pens that meet the requirements of this standard. You can see them in the STAEDTLER catalogue.



ballpoint pens and rollerballs are subject to a comprehensive quality inspection and are not harmful if used in the proper manner.