

Explanation EN 71-3

Safety for toys - part 3: Migration of certain elements

The European standard EN 71 specifies safety regulations for toys. It is a legal requirement that all toys sold in the European Union and other specific products that come into direct contact with children must comply with this standard.

EN 71-3 includes requirements and test methods for the migration of certain elements, i.a. aluminum, arsenic, chromium, cobalt, copper, lead or mercury.

Explanation "Document authenticity" ISO 14145-2

Document authenticity is a characteristic of writing media, such as ink, for the production of writings and official documents, as well as utensils for their storage.

Document proof ink must fulfill different criteria:

It has to dry quickly (wipe resistance), can not be correctable and cannot be removed without leaving a trace (eraser resistance).

The ink must remain visible after a defined exposure to certain chemicals (ethanol, hydrochloric acid, ammonia, bleach) and to water.

Additionally the ink has to remain visible after exposure to a defined light source (lightfastness).

Normatively, there is no divergence from the definition of document authenticity; it is either so or it is not. In ensuring the authenticity of documents, the paper used also plays a major role and must also be certified accordingly.

Explanation "Aging resistance " ISO 11798

The ISO 11798 "Permanence and durability of writing, printing and copying on paper" specifies requirements and test methods for assessing the durability of characters.

These requirements are structured according to:

- Colour intensity and appearance of the typefaces
- according to lightfastness
- according to water resistance
- according to impression and abrasion resistance
- according to heat resistance
- and effect of writing on the strength of paper.

The requirement of stamp inks according to ISO 11798 go far beyond those of document authenticity inks, even though some test are common to both standards.

In order to meet the standard requirements special age-resistant paper grades (according to ISO 9706) are required.

Recycled paper or chlorine-free bleached paper doesn't meet the requirements.

Stamp pad inks that meet the requirements of ISO 11798 are usually approved for archiving purposes. For example, the Swedish National Archives have changed their rules (RA-FS 1992: 4-7) to ISO 11798.

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high quality,
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COLOP Inks

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Original COLOP stamp inks are available for different materials and surfaces. The variety of colour shades allows stamp imprints for almost every use.



The quick drying ink 802 for smooth surfaces like metal or plastics ...



... and even for glass and acrylic glass.



The UV ink 804 becomes visible only under UV light.



The EOS Flash Ink is available in many different shades.



The ink 801 Premium is our standard for self-inking stamps and stamp pads.



Stamp pad ink 810 - fresh, happy and stylish.



Archival Permanent Ink 805 for stamping official documents.



Stamp Pad Ink Premium 801

Colours	
Content	25 ml 250 ml
Packaging	
Water-based ink	
Ink for foam and felt pads	
For use with rubber and polymer text plates	
Application: for all absorbent materials	
Tested to EN 71-3	



Quick drying Ink 802

Colours	
Content	25 ml 250 ml
Packaging	
Solvent based ink for felt pads	
For use with rubber text plates	
Application: for all absorbent and non-absorbent materials except PE/PP	
Black, blue, red → also for EOS	



UV-Ink 804

Colours	
Content	25 ml 250 ml
Packaging	
Ink for foam and felt pads, visible under ultraviolet light	
For use with rubber and polymer text plates	
Application: for all absorbent materials	
Dermatological tested	
Only visible under UV-light on unbleached paper	



Flash Ink

Colours	
Content	25 ml 250 ml
Packaging	
Oil based	
For COLOP EOS stamps	



Archival Permanent Ink 805

Colours	
Content	25 ml 250 ml
Packaging	
Oil based ink for foam and felt pads	
For use with rubber text plates	
Application: for all absorbent materials	
Archive proofed according to DIN ISO 11798	



Quick drying Ink Premium 809

Colours	
Content	25 ml 250 ml
Packaging	
Solvent based ink for foam and felt pads	
For use with rubber text plates	
Application: for all absorbent and non-absorbent materials (incl. polybag)	
No hazardous good	
→ also for EOS	
* Textile ink	



Stamp pad ink 810

Colours	
Content	250 ml
Packaging	
water-based	
For use with rubber and polymer text plates	
Application: for all absorbent materials	
* document proof	

