

ISO 8124-1: 2022 “Safety of Toys — Part 1” Has Been Published:

The new edition of ISO 8124-1 "Safety of Toys — Part 1: Safety aspects related to **mechanical and physical properties**" has been published in September 2022 by the Technical Committee ISO/TC 181 "Safety of toys".

Now with this 2022 edition published, all previous versions are to be withdrawn. Being the 6th edition of the standard, it revised certain technical requirements in the previous (5th) edition (ISO 8124-1:2018), and incorporated the amendments in ISO 8124-1:2018/Amd.1:2020 and ISO 8124-1:2018/Amd.2:2020.

Scope:

The requirements in this standard -- applying to all toys in play by children under 14 years of age -- specify acceptable criteria for structural characteristics of toys, such as shape, size, contour, spacing (e.g. rattles, small parts, sharp points and edges, and hinge-line clearances) as well as acceptable criteria for properties peculiar to certain categories of toy (e.g. maximum kinetic energy values for non-resilient-tipped projectiles and minimum tip angles for certain ride-on toys). This document is largely based upon existing standards in the European Union (EN 71-1) and in the USA (ASTM F963).

Major Changes:

All significant changes made for this new edition are listed in informative Annex G of the ISO 8124-1:2022, including:

- Modified the definitions for “pull or push toy” and “resilient material”
- Limited the exemptions for writing materials
- Added labeling requirement for retail displays for unlabeled toys without packaging
- Eliminated the requirement that the warning is on the product for other cords in toys intended for children 18–36 months
- Specified location of the warning on electrical cables
- Added toys intended to be suspended from a wall or ceiling to the scope of section 4.11.9.2
- Added requirement for safety stop or locking device for section on other toys with folding mechanisms
- Added options to ventilation requirements
- Added labeling requirement for protective equipment for toy bicycles
- Added new speed limitations for electrically-driven ride-on toys
- Added examples to clarify scope of requirements for mouth-actuated toys
- Added requirement for pull or push toys to acoustic requirements
- Added requirements for functional toys
- Added requirements for toys intended to come into contact with food
- Added requirement for inflatable toys
- Modified dimensions in Figure 35, “Head probe”
- Added new clauses for: (1) Warning for flying toys, (2) Instructions of projectile toys, (3) Instructions of toy bicycles
- Added new sections for addressing instructional literature for: “Toy scooters” and “Remote-controlled flying toys”

References:

<https://www.iso.org/standard/80767.html>

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