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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 6675.1-2025

Replacing GB 6675.1-2014

Safety of toys - Part 1: Basic code

玩具安全 第1部分：基本规范

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Table of Contents

3 Introduction...	6
1 Scope...	8
2 Normative references...	10
3 Terms and definitions...	11
4 General principles...	15
5 Safety requirements...	15
5.1 Mechanical and physical properties...	15
5.2 Explosion properties and flammability...	18
5.3 Chemical properties...	19
5.4 Electrical performance...	24
5.5 Hygiene requirements...	24
5.6 Radiation performance...	25
5.7 Toy labeling...	25
6 Testing methods...	26
6.1 Mechanical and physical properties...	26
6.2 Explosion property and flammability...	27
6.3 Migratable elements...	27
6.4 Plasticizers...	27
6.5 Formaldehyde...	27
6.6 Harmful aromatic amines...	27
6.7 Polycyclic aromatic hydrocarbons...	27
6.8 Migratable N-nitrosamines and N-nitrosamine precursors...	27
6.9 Formamide...	27
6.10 Short-chain chlorinated paraffins...	28
6.11 Emissions of formaldehyde, benzene, toluene, xylene, and TVOC...	28
6.12 Allergenic fragrances...	28
6.13 Electrical performance...	28
6.14 Hygiene requirements...	28
6.15 Radiation performance...	28

1 Scope

GB 6675.1-2025 is the Chinese national standard on safety of toys - part 1: basic code, in the field of domestic and commercial equipment, entertainment, sport. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 November 2026.

Classification: ICS 97.200.50, CCS Y57. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the basic safety requirements for toys, including mechanical and physical properties, explosive properties and flammability, chemical properties, electrical properties, hygiene requirements, radiation properties, and toy labeling, and describes the corresponding testing methods. This document applies to all toys (including trial and free gifts), that is, any product designed or clearly intended for use by children under the age of 14 for play, as well as products that are not specifically designed for play but have play functions for use by children under the age of 14. This document does not apply to the following products.

- a) Bicycles with a maximum saddle height greater than 435 mm.
- b) Catapult/slingshot.
- c) Darts or javelins with metal tips.
- d) Playground equipment in a public place.
- e) Air pressure and pneumatic air guns and air pistols.
- f) A model kit, hobby item, or craft, whose primary value of the finished product is not for play.
- g) Sporting goods and equipment, camping supplies, sports equipment, musical instruments and furniture, but excluding toy replicas thereof. NOTE. Generally speaking, there are subtle differences between such items, such as musical instruments or sports equipment, and their toy replicas. The manufacturer's or seller's intent, normal use, and reasonably foreseeable abuse determine whether it is a toy replica.
- h) Models of aircraft, rockets, ships, and vehicles powered by internal combustion engines, but excluding toy replicas.
- i) Collectibles that are not intended for use by children under 14 years of age.
- j) Holiday decorations.
- k) Water equipment intended for use in deep water. cc) Toy transformer.

2 Normative references

The provisions of the following documents constitute the essential clauses of this document through normative references in this text. Among them, for any dated reference, only the version corresponding to that date applies to this document; for any undated reference, the latest version (including all amendments) applies to this document.

GB/T 2912.1 Textiles - Determination of formaldehyde - Part

1.Free and hydrolyzed formaldehyde (water extraction method) GB(GB/T) 6675(all parts)
Safety of toys

GB/T 17592 Textiles - Determination of the banned azo colourants

GB 18871 Basic standards for protection against ionizing radiation and for the safety of radiation sources

GB/T 19865 Safety of electric toys

GB/T 19941.1 Leather and fur - Determination of formaldehyde content - Part 1.
High-performance liquid chromatography method

GB/T 19941.2 Leather and fur - Determination of formaldehyde content - Part 2.
Colorimetric method

GB/T 22048 Determination of certain phthalate esters in toys and children's products

GB/T 28022 Age determination guidelines for toys

GB/T 29614-2021 Vulcanized rubber - Determination the content of polycyclic aromatic hydrocarbons

GB/T 34436 Determination of formamide in toy materials - High performance liquid chromatography-mass spectrometry

GB/T 34448 Tissue paper and disposable products - Determination of formaldehyde

GB/T 38424 Determination of allergenic fragrances in toys - Gas chromatographic- mass spectrometry

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 toy Any product designed or clearly intended for use by children under the age of 14 in play.

3.2 aquatic toy Equipment designed to support a child's weight and allow children to play in shallow water, whether or not it is inflatable. NOTE. Bathroom toys and beach balls are not considered water toys.

3.3 electric toy Toys that require electricity for at least one function.

3.4 functional product A scale model product intended to be used for teaching under adult supervision, with a rated voltage greater than 24 V, and having the same function and usage as certain products, appliances or equipment used by adults. EXAMPLE. Mini kitchen utensils with cooking functions, intended for use by children.

3.5 design speed The representative potential driving speed that is determined by the design of the toy.

3.6 activity toy

4 General principles

The purpose of toy safety is to minimize harm to children caused by defects in the toys themselves, during normal use or with reasonably foreseeable abuse. These defects may stem from design, manufacturing processes, or manufacturing materials used in their production. This harm may include.

- a) poisoning (toxicity) and harm from other harmful substances;
- b) burns and scalds;
- c) suffocation, strangulation;
- d) swallowing or inhaling a foreign object;
- f) electric shock;
- h) other mechanical harm, including cuts, lacerations, abrasions, eye injuries, head injuries, and hearing injuries. Toys that meet the requirements will reduce potential hazards arising from use in the intended manner (normal use) and use outside the intended manner (reasonably foreseeable abuse), including hazards to the safety or health of the user or a third party that the toy and the chemicals it contains may pose. Safety requirements for children's toys for specific age groups are based on the intelligence and physical abilities of children in each age group and their capacity to cope with hazards. They also take into account the capabilities of the users and, where appropriate, their guardians, especially when the toy is intended for use only by children under 36 months or other specific age groups. The reasonably foreseeable abuse described in Chapter 5 applies only to toys intended for use by children under 96 months of age, unless otherwise stated.

5.1 Mechanical and physical properties

5.1.1 Toys, toy components, and fasteners that secure toys shall have sufficient mechanical strength and, where applicable, stability to withstand stresses that may occur during use, in order to prevent harm and hazards caused by breakage or deformation of the toy.