

China Publishes New General Safety Requirements for Children's Products

In "Announcement of National Standards of the People's Republic of China", No. 25 of 2025 (中華人民共和國國家標準公告 2025 年第 25 號) dated 5 October 2025, there was an important new standard for the toy industry announced in the serial no. 29, as follows:

序號	標準編號	標準名稱	實施日期
29	GB 46523-2025	兒童用品通用安全要求 (General safety requirements for children's products)	2026-11-01

The standard text was published on 4 November 2025.

Significance

- All children's products within the scope of application should meet the applicable requirements of this standard.
- The safety requirements for any specific category or product should generally not be lower than those of this standard.
- Products without specific category or product safety standards should meet the requirements of this standard.
- This standard will be implemented on 1 November 2026. For products manufactured or imported before the implementation date of the standard, they should meet the requirements of this document starting from the 13th month after the implementation date.

Scope

- Designed or pre-order products for use, play, or wearing by children under 14 years of age (including samples to try or free gifts) (設計或者預定供 14 歲以下兒童使用、玩耍、穿戴等所用的產品 (含試用和免費贈送的產品))

Key Requirements

The standard covers several key areas, including:

- General Requirements
- Mechanical and Physical Properties,
- Thermal Hazards and Flammability,
- Chemical Safety,
- Electrical Safety,
- Radiation Safety,
- Explosion Hazards, and
- Product Labelling



ICS 97.190.07, 200.50
CCS 9 14.Y 20.Y 40.Y 50.Y 57.Y 61.Y 88



中华人民共和国国家标准

GB 46523—2025

儿童用品通用安全要求

General safety requirements for children's products

2025-10-05 发布

2026-11-01 实施

国家市场监督管理总局
国家标准化管理委员会 发布

Chemical Requirements

表 1 可遷移元素的最大限量要求 Table 1 - Maximum limit requirements for migrating elements

(供 72 個月以下兒童使用或預期與口或食物接觸的兒童用品，或其中可觸及塗層、塑膠和人造革等聚合物材料和部件 Children's products intended for use by children under 72 months of age or intended to come into contact with the mouth or food, or where polymer materials and components such as coatings, plastics, and leatherettes may be touched)

Element	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
最大遷移量 (maximum amount of migrating element in mg/kg)	60	25	1000	75	60	90	60	500

表 2 增塑劑的限量要求 Table 2 - Limit requirements for plasticizers

(兒童用品可觸及塑化材料 Plasticised materials that can be touched by children's products)

適用產品 Applicable products	Chemicals	CAS	限量要求 Limits (mg/kg)
All products	鄰苯二甲酸二丁酯 (DBP) Dibutyl phthalate	84-74-2	四種增塑劑總含量≤0.1 The total content of the four plasticisers ≤ 0.1
	鄰苯二甲酸丁苄酯 (BBP) Benzyl butyl phthalate	85-68-7	
	鄰苯二甲酸二 (2-乙基) 己酯 (DEHP) Di(2-ethyl)hexyl phthalate	117-81-7	
	鄰苯二甲酸二異丁酯 (DIBP) Diisobutyl phthalate	84-69-5	
	鄰苯二甲酸二戊酯 (DPENP) Diamyl Phthalate	131-18-0	≤ 0.1
	鄰苯二甲酸二己酯 (DHEXP) Dihexyl Phthalate	84-75-3	≤ 0.1
	鄰苯二甲酸二環己酯 (DCHP) Dicyclohexyl phthalate	84-61-7	≤ 0.1
預定入口或 36 個月以下兒童使用且可放入口中的兒童產品 Products intended for import or children under 36 months of age for use and in the mouth	鄰苯二甲酸二正辛酯 (DNOP) Di-n-octyl phthalate	117-84-0	三種增塑劑總含量≤0.1 The total content of the three plasticisers ≤ 0.1
	鄰苯二甲酸二異壬酯 (DINP) Diisononyl phthalate	68515-48-0 28553-12-0	
	鄰苯二甲酸二異癸酯 (DIDP) Diisodecyl Phthalate	26761-40-0 68515-49-1	

注：表 1 和表 2 限量要求對於單一樣品的單一材料的取樣量不足 10 mg 時予以豁免 (Table 1 and Table 2 limit requirements are exempted when the sampling amount of a single material is less than 10 mg)

表 3 甲醛的限量要求 Table 3 - Limit requirements for formaldehyde

(36 個月以下兒童使用的兒童用品中可觸及的紡織、皮革和毛皮、樹脂膠合木質材料)(Textile, leather and fur, and resin glued wood materials that can be touched in children's products used by children under 36 months of age)

適用產品 Applicable products	Chemicals	CAS	限量要求 Limits (mg/kg)
36 個月以下兒童使用的兒童用品中可觸及的紡織材料 Textile materials that can be touched in children's products used by children under 36 months of age	甲醛 formaldehyde	50-00-0	≤ 30 mg/kg
36 個月以下兒童使用的兒童用品中可觸及的皮革和毛皮材料 Leather and fur materials that can be reached in children's products used by children under 36 months of age			≤ 30 mg/kg
36 個月以下兒童使用的兒童用品中可觸及的樹脂膠合木質材料 Resin glued wood material that can be reached in children's products used by children under 36 months of age			≤ 0.08 mg/m ³

表 4 有害芳香胺的限量要求 Table 4 - Limit requirements for harmful aromatic amines

(持續與皮膚接觸的紡織材料 Textile materials that are in constant contact with the skin)

Serial	項目	Item	CAS 編號	限量要求 (mg/kg)
1	4-氨基聯苯	4-Aminobiphenyls	92-67-1	≤ 30
2	聯苯胺	Benzidine	92-87-5	
3	4-氯鄰甲苯胺	4-Chloro-o-toluidine	95-69-2	
4	2-萘胺	2-Naphthamine	91-59-8	
5	鄰氨基偶氮甲苯	O-amino azo toluene	97-56-3	
6	5-硝基-鄰甲苯胺	5-Nitro-o-toluidine	99-55-8	
7	對氯苯胺	P-chloroaniline	106-47-8	
8	2,4-二氨基苯甲醚	2,4-diaminoanisole	615-05-4	
9	4,4'-二氨基二苯甲烷	4,4'-diaminodiphenylmethane	101-77-9	
10	3,3'-二氯聯苯胺	3,3'-diaminobenzidine	91-94-1	
11	3,3'-二甲氧基聯苯胺	3,3'-Dimethoxybenzidine	119-90-4	
12	3,3'-二甲基聯苯胺	3,3'-Dimethylbenzidine	119-93-7	
13	3,3'-二甲基-4,4'-二氨基二苯甲烷	3,3'-dimethyl-4,4'-diaminodiphenylmethane	838-88-0	
14	2-甲氧基-5-甲基苯胺	2-Methoxy-5-methylaniline	120-71-8	
15	4,4'-亞甲基-二-(2-氯苯胺)	4,4'-Methylene-di-(2-chloroaniline)	101-14-4	
16	4,4'-二氨基二苯醚	4,4'-diaminodiphenyl ether	101-80-4	
17	4,4'-二氨基二苯硫醚	4,4'-diaminodiphenyl sulfide	139-65-1	
18	鄰甲苯胺	O-toluidine	95-53-4	
19	2,4-二氨基甲苯	2,4-diaminotoluene	95-80-7	
20	2,4,5-三甲基苯胺	2,4,5-trimethylaniline	137-17-7	
21	鄰氨基苯甲醚	O-aminoanisoles	90-04-0	
22	4-氨基偶氮苯	4-Aminoazobenzene	60-09-3	
23	2,4-二甲基苯胺	2,4-Dimethylaniline	95-68-1	
24	2,6-二甲基苯胺	2,6-Dimethylaniline	87-62-7	

表 5 N-亞硝胺及 N-亞硝胺前體物的限量要求 Table 5 - Limit requirements for N-nitrosamines and N-nitrosamine precursors

(預定入口的彈性體部件或者 36 個月以下兒童使用的兒童用品中可觸及彈性體部件 Elastomer parts that are intended to be imported or accessible in children's products for children under 36 months of age)

Serial	項目	Item	CAS 編號	限量要求 (mg/kg)
1	N-亞硝基二乙醇胺	N-Nitrosodiethanolamine	1116-54-7	N-亞硝胺總遷移量 < 0.05; N-亞硝胺前體物總遷移量 < 1 The total migration of N-nitrosamines was < 0.05; Total migration of N-nitrosamine precursors < 1
2	N-亞硝基二甲胺	N-Nitrosodimethylamine	62-75-9	
3	N-亞硝基二乙胺	N-Nitrosodiethylamine	55-18-5	
4	N-亞硝基二丙胺	N-nitrosodipropylamine	621-64-7	
5	N-亞硝基二異丙胺	N-nitrosodiisopropylamine	601-77-4	
6	N-亞硝基二丁胺	N-nitrosodibutylamine	924-16-3	
7	N-亞硝基二異丁胺	N-Nitrosodiisobutylamine	997-95-5	
8	N-亞硝基二異壬胺	N-nitrosodiisorelamine	1207995-62-7	
9	N-亞硝基嗎啉	N-nitrosomorpholine	59-89-2	
10	N-亞硝基哌啶	N-nitrosopiperidine	100-75-4	
11	N-亞硝基二苄胺	N-nitrosodiazelamine	5336-53-8	
12	N-亞硝基-N-甲基-N-苯胺	N-nitroso-N-methyl-N-aniline	614-00-6	
13	N-亞硝基-N-乙基-N-苯胺	N-nitroso-N-ethyl-N-aniline	612-64-6	

表 6 多環芳烴的限量要求 Table 6 - Limit requirements for PAHs

(預定與口接觸或持續與皮膚接觸的橡膠或塑膠部件 Rubber or plastic parts intended for oral contact or continuous contact with the skin)

Serial	項目	Item	CAS	限量要求 Limits (mg/kg)
1	苯並(a)芘	Benzo[a]pyrene	50-32-8	≤ 0.5
2	苯並[e]芘	Benzo[e]pyrene	192-97-2	
3	苯並[a]蒽	Benz[a]anthracene	56-55-3	
4	屈	Chrysene	218-01-9	
5	苯並(b)熗蒽	Benzo(b)fluoranthene	205-99-2	
6	苯並(j)熗蒽	Benzo(j)fluoranthene	205-82-3	
7	苯並[k]熗蒽	Benzo[k]fluoranthene	207-08-9	
8	二苯並[a,h]蒽	Dibenz[a,h]anthracene	53-70-3	

表 7 短鏈氯化石蠟的限量要求 Table 7 - Limit requirements for short-chain chlorinated paraffins
(兒童用品可觸及聚氯乙烯 (PVC) 材料 Children's products can be accessed from polyvinyl chloride (PVC) material)

Name	CAS	限量要求 Limits %
短鏈氯化石蠟 C10-C13 Short-chain hydrogenated paraffin	852535-84-8	<0.15

Effective Date

1 November 2026

Reference

<https://std.samr.gov.cn/gb/search/gbDetailed?id=40C4523A3FAC1115E06397BE0A0AE2D3>

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