



China - GB 6675-2014 Toy Safety Standard Updates

To ensure safety and quality of children's toys that sold in China, Standardization Administration of P.R. China (SAC) amended GB 6675-2003. The new standard GB 6675-2014 was released on May 6, 2014 and will be enforced from January 1, 2016. All children's toy on the China market shall comply with the new standard from the effective date. GB 6675-2003 will be withdrawn accordingly.



GB 6675 has been spitted into 4 parts:

- GB 6675.1-2014 Toy Safety Part 1 - Basic Code
- GB 6675.2-2014 Toy Safety Part 2 - Mechanical and Physical Properties
- GB 6675.3-2014 Toy Safety Part 3 - Flammability
- GB 6675.4-2014 Toy Safety Part 4 - Migration of certain elements

GB 6675.1-2014 Toy Safety Part 1 - Basic Code specified general safety requirement for toys which shall not be harm to children such as phthalates requirement, toy gun requirement etc.

GB 6675.2-2014 Toy Safety Part 2, GB 6675.3-2014 Toy Safety Part 3, and GB 6675.4-2014 are the requirements for physical and mechanical properties, flammability, and migration of certain elements respectively. Requirements and testing methods in these three standards were developed regarding to the general requirements specified in GB 6675.1.

Major changes in Physical and Mechanical Part:

- Scope of the standard
 - Applies to any product or material designed or intended for use in play by children 14 years of age and under
 - Also applies to products with play value and for children 14 years of age, even not originally designed for play
- Acoustic requirement (mandatory requirement)
 - With more stringent limits. e.g. sound level (L_{pAeq}) of continuous sounds produced by close-to-the-ear toys shall not exceed 65dB
- Additional of magnets and magnetic components requirement

Major changes in Flammability Part

- Additional requirement of flaming duration for “full or partial moulded head masks”, and “flowing elements of toys to be worn on the head”
- Different testing methods are specified for different sizes of soft filled toys

Major changes in chemical parts

- The following products or component shall comply with soluble heavy metal requirement regardless appropriate or labeled age grade
 - intended food or oral contact toys, cosmetic toys and writing instruments categorized as toys
 - all accessible coatings, accessible liquids, pastes, gels

	GB 6675 appendix C – 2003	GB 6675.1 and 6675.4 – 2014
Scope	Toys intended for children up to 6 years of age i.e. all accessible parts and components that may come into contact with mouth	Toys intended or suitable for children up to 72 months of age
	Intended food or oral contact toys, cosmetic toys and writing instruments categorized as toys	Intended food or oral contact toys, cosmetic toys and writing instruments categorized as toys, regardless appropriate or labelled age grade
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See reverse side for additional information.

Finger paint limit:

		GB 6675 appendix C – 2003		GB 6675.1 and 6675.4 – 2014		
Soluble Heavy metal requirement		Any toy material except modeling clay and finger paint	modeling clay and finger paint	Any toy material except modeling clay and finger paint	modeling clay	finger paint
	Sb	60	60	60	60	10
	As	25	25	25	25	10
	Ba	1000	250	1000	250	350
	Cd	75	50	75	50	15
	Cr	60	25	60	25	25
	Pb	90	90	90	90	25
	Hg	60	25	60	25	10
	Se	500	500	500	500	50

New phthalate requirement:

The content of six plasticizers in accessible plasticized toy materials or components shall not exceed the following limits.

Scope	Phthalates		Limit (%)
All products including that can be placed in mouth	DBP	CAS 84-71-2	Sum ≤ 0.1
	BBP	CAS 85-68-7	
	DHEP	CAS 117-81-7	
Products that can be placed in mouth	DNO	CAS 117-84-0	Sum ≤ 0.1
	DINP	CAS 68515-48-0	
		CAS 28553-12-0	
	DIDP	CAS 26761-40-0	
CAS 68515-49-1			

Note: test portion of single material which is less than 10mg from one sample is exempted.

Contact Information

Any comments and/or questions, please contact your local customer service representative or email to:

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