

# SAFE GUARDS

SGS CONSUMER TESTING SERVICES

HARDGOODS

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## NEW CHINESE STANDARD FOR CHILDREN'S FURNITURE TAKES EFFECT

The Chinese standard, GB 28007-2011, specifies general technical requirements for children's furniture designed and manufactured for children between 3 and 14 years old. The standard was published in October 2011 and takes effect on 1 August, 2012<sup>1</sup>.

The Chinese standard GB 28007-2011 "General technical requirements for children's furniture" was jointly issued by China's General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) and the Standardisation Administration of the People's Republic of China (SAC). Children's furniture includes products like child size bed's, tables and chairs intended for children between 3 and 14 years. As a national standard, all applicable children's furniture manufactured or sold in China must comply with GB 28007-2011 from 1 August 2012. The standard specifies requirements for both chemical and non-chemical parameters, including but not limited to, structural safety, flame retardant properties, warning label, instructions for use, packaging, storage and transportation.

Under GB 28007-2011, products should comply with the requirements of related product standards.



Formaldehyde emission from wooden parts of furniture should comply with GB 18580 "Indoor decorating and refurbishing materials-Limits of formaldehyde emission of wood-based panels and finishing products". Highlights on the chemical requirements for certain specific materials are summarised in Table 1.

<sup>1</sup> <http://www.tbt-sps.ziq.gov.cn/portal/jkyj/1296.htm> (in Chinese)

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TABLE 1.

ENTRY	MATERIAL	STANDARD	SUBSTANCE	REQUIREMENT
1	Surface coating	GB 6675-2003 (Migration of heavy metals)	Antimony (Sb)	≤60mg/kg
			Arsenic (As)	≤25mg/kg
			Barium (Ba)	≤1000mg/kg
			Cadmium (Cd)	≤75mg/kg
			Chromium (Cr)	≤60mg/kg
			Lead (Pb)	≤90mg/kg
			Mercury (Hg)	≤60mg/kg
			Selenium (Se)	≤500mg/kg
2	Textile	GB/T 2912.1	Free formaldehyde	≤30mg/kg
		GB/T 17592	Primary aromatic amines	Prohibited
3	Leather	GB/T 19941	Free formaldehyde	≤30mg/kg
		GB/T 19942	Primary aromatic amines	Prohibited
4	Plastic	GB/T 22048	Phthalates (DBP, BBP, DEHP, DNOP, DINP, DIDP)	≤0.1 % (sum of 6 phthalates)

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