

# SAFEGUARDS

## CONSUMER GOODS AND RETAIL

SOFTLINES

NO. 017/15 JANUARY 2015 REVISED

## CHINA – SAFETY TECHNICAL SPECIFICATIONS FOR CHILDREN’S FOOTWEAR: GB 30585-2014

Chinese General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) and Standardization Administration of the People's Republic of China (SAC) jointly published the mandatory standard related to children’s footwear on 9 June 2014. GB 30585-2014 "Safety technical specifications for children’s footwear" will go into effect on 1 January 2016.

All of the technical content in this standard are compulsory. The technical requirements cover physical and mechanical safety, odor and restricted substances for children’s footwear products. The publication of this standard will help to improve market supervision, protect children and environmental safety. Sales and import into the China market of products which do not comply with the requirements of this standard are prohibited. Therefore, the enforcement of this mandatory standard has posed a new challenge and opportunity for domestic sellers of these products.

This standard specifies the safety technical terms and definitions, product classification, technical requirements, test methods and judgment rules for children's shoes. This standard is applicable to footwear made from various materials for children up to 14 years old (shoe size no larger than 250mm) for their daily wear and use. However, this standard is not applicable to children's rubber shoes (Children’s rubber shoes shall comply with the national mandatory standard GB 25038-2010 and GB 25036-2010<sup>1</sup>).

The standard specifies physical and mechanical properties (accessible sharp edges or sharp points, technical heel height, steel shanks etc.) , restricted substances (chromium VI, hazardous aromatic amines derived from azo colorants, formaldehyde, total heavy metal content, DMFu, N- Nitrosamine, phthalates, etc.), odor and other requirements on children’s footwear. Details are given below:



---

<sup>1</sup> [SGS-Safeguards No.116/11](#),  
[SGS-Safeguards No.005/11](#)

**TECHNICAL REQUIREMENTS****PHYSICAL AND MECHANICAL SAFETY PROPERTIES:**

NO.	TECHNICAL REQUIREMENTS
1	Any nail points shall not be exposed inside or outside of the shoes
2	No accessible sharp edges or sharp points on the whole shoe (including accessories, heels and other parts on the shoe.)
3	No broken needles inside the footwear
4	Detachable accessories of infants' shoes should not fit entirely in the small part cylinder when tested according to GB6675.2-2014 part 5.2. Accessory classification see annex A of standard.
5	Accessories shall be securely fastened. The tensile strength of small accessories attached to infant's shoe shall be $\geq 70$ N
6	Steel shanks shall comply with the requirement in standard GB 28011
7	Technical heel height shall not exceed 25mm

**ODOR:  $\leq$  GRADE 2****RESTRICTED SUBSTANCES:**

NO.	TEST ITEMS	LIMIT	TEST METHODS		
1	Chromium VI content in leather and fur	$\leq 10$ mg/kg	GB/T 22807		
2	Hazardous aromatic amines derived from azo colorants (Textiles)	$\leq 20$ mg/kg	GB/T 17592		
3	Hazardous aromatic amines derived from azo colorants (Leather and Fur)	$\leq 30$ mg/kg	GB/T 19942		
4	Formaldehyde	Infant's shoe	$\leq 20$ mg/kg	Textiles: GB/T 2912.1 Leather and Fur: GB/T 19941	
		Material direct contact with skin	$\leq 75$ mg/kg		
		Material indirect contact with skin	$\leq 300$ mg/kg		
5	Total heavy metal content	Arsenic (As)	$\leq 100$ mg/kg	QB/T 4340	
		Lead (Pb)	$\leq 100$ mg/kg		
		Cadmium (Cd)	$\leq 100$ mg/kg		
6	Dimethyl fumarate (DMFu)	$\leq 0.1$ mg/kg	GB/T 26713		
7	N-Nitrosamine content in rubber <sup>a</sup> (Infant's shoe)	Not Detected	GB/T 24153		
8	Phthalates <sup>b</sup>	Infant's shoe	DINP,DIDP,DNOP	$\leq 0.1\%$	ISO/TS 16181
			DEHP,DBP,BBP	$\leq 0.1\%$	
		Children's footwear	DEHP,DBP,BBP	$\leq 0.1\%$	

## Notes:

- See annex B of standard for the list of N-Nitrosamines which are banned in rubber.
- See annex C of standard for categories of restricted phthalate plasticizers.

SGS Global Softlines has an extensive network of over 40 laboratories worldwide, with a strong team of committed professionals from multi-disciplinary backgrounds. Our internationally accredited state-of-the-art testing laboratories offer a comprehensive range of physical, chemical and functional testing services for components, materials and finished products. We help your company ensure quality, performance and compliance with international, industrial and regulatory standards worldwide. Discover more at [www.sgs.com/softlines](http://www.sgs.com/softlines).



---

**FOR ENQUIRIES:**

Global Competence Support Centre:  
[gcsc@sgs.com](mailto:gcsc@sgs.com)

Global Softlines Development Office:  
[global.sl@sgs.com](mailto:global.sl@sgs.com)

Asia – Hong Kong,  
Tel: +852 2334 4481,  
[mktg.hk@sgs.com](mailto:mktg.hk@sgs.com)

Australasia – Perth.  
Tel: +61 (0) 3 9790 3418  
[au.cts@sgs.com](mailto:au.cts@sgs.com)

Europe – London – UK.  
Tel: +44(0) 203 008 7860  
[gb.cts.sales@sgs.com](mailto:gb.cts.sales@sgs.com)

Africa & Middle East – Turkey.  
Tel: +90 212 368 40 00  
[sgs.turkey@sgs.com](mailto:sgs.turkey@sgs.com)

Americas – USA.  
Tel: +1 973 575 5252  
[uscts.inquiries@sgs.com](mailto:uscts.inquiries@sgs.com)

[www.sgs.com/cgmr](http://www.sgs.com/cgmr)

© SGS Group Management SA – 2015– All rights reserved  
- SGS is a registered trademark of SGS Group Management SA. This is a publication of SGS, except for 3<sup>rd</sup> parties' contents submitted or licensed for use by SGS. SGS neither endorses nor disapproves said 3<sup>rd</sup> parties contents. This publication is intended to provide technical information and shall not be considered an exhaustive treatment of any subject treated. It is strictly educational and does not replace any legal requirements or applicable regulations. It is not intended to constitute consulting or professional advice. The information contained herein is provided "as is" and SGS does not warrant that it will be error-free or will meet any particular criteria of performance or quality. Do not quote or refer any information herein without SGS's prior written consent.