

SAFEGUARDS

SGS CONSUMER TESTING SERVICES

SOFTLINES

NO. 092/11 MAY 2011

NEW KC MARK REQUIREMENTS FOR INFANT TEXTILE PRODUCTS FAST APPROACHING

The Korean government announced that there will be a new addition of a small part safety requirement for infant's textile products. The requirement is listed under the Annex 4 of the Self-Regulatory Safety Confirmation Standard. This new requirement ([KATS \(Korean Agency for Technology and Standards\) Notification No. 2010-677 \(in Korean\)](#)) will be effective on 27 December 2011. According to this new requirement, parts that detach after tension testing and that can be classified as small parts are not permitted in infant textile products, which are defined as products for children under 36 months old.

With this addition, the regulatory requirements for infant textile products are now as follow:

PARAMETERS	REQUIREMENTS	REMARKS
CHEMICAL REQUIREMENTS		
Formaldehyde	≤ 20 mg/kg	N/A
Dibutyltin (DBT)	≤ 1.0 mg/kg	Only for coated/printed textile products
Tributyltin (TBT)	≤ 0.5 mg/kg	
Azo dyes	≤ 30 mg/kg	Only for dyed textile products. Restricted substances must comply with KSK 0147, KSK0734
Phthalates	≤ 0.1% (total)	Only for products with coating, rubber or plastic. Restricted phthalates include DNOP, DEHP, BBP, DBP, DINP and DIDP
Flame retardants	Prohibited	Restriction is only applicable for product containing flame retardants. Restricted substances include TDBPP, PentaBDE and OctaBDE
Dimethyl fumarate	≤ 0.1 mg/kg	Restriction is only applicable for parts using leather
Lead	≤ 90 mg/kg	Applicable to clothing with coating, prints, and buttons. Requirement for metal components is 300 ppm
Disperse dyes	Prohibited	N/A
pH	4.0-7.5	N/A

The logo for SGS, consisting of the letters 'SGS' in a bold, sans-serif font. A vertical orange line is positioned to the right of the 'S', and a horizontal orange line is positioned below the 'G'.

PARAMETERS	REQUIREMENTS	REMARKS
PHYSICAL REQUIREMENTS		
Cords and drawstrings	Conform with requirement	Only applicable for products with a cord or a drawstring
Small parts	No small part after tension test	Effective on 27 December 2011

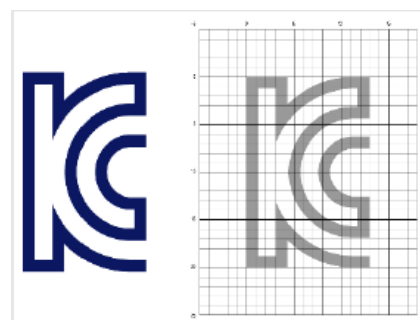
According to the Ministry of Knowledge Economy, infant's textile products should have the KC mark with the registration number attached before being sold in the Korean market. The products must be tested by one of the authorised laboratories located in Korea to ensure that they conform to the requirements.¹ Please be aware that foreign importers must submit their test application to authorised laboratories through a Korean registered company.

LABELLING REQUIREMENTS FOR INFANT PRODUCTS

All infant textile products must have a label attached to the individual items. The label must be sewn on the products or only if it is not possible to place a label on the products may the label be attached to the packaging. The label must contain information including:

- Construction and composition
- Care instruction
- Name and contact number of the seller
- Name of the manufacturer or importer
- Country of origin
- Size (Recommendation)
- Date of manufacture/ lot number/ style number/ barcode number/ QR code for the traceability of products.

The KC mark itself must either be in navy (according to KS A 0062, 5PB2/8) or black (according to KS A 0062, N2) in colour and must comply with the following design requirement.²



Throughout our global network of laboratories and offices, SGS commits to offer professional and high quality services for consumer product testing, certification and consultancy. For more information with regards to KC marks, please feel free to contact us. You can also refer to our previous publications: SafeGuards [212/10](#) and [051/10](#).

¹ [Quality Management & Safety Control of Industrial Products Act \(in Korean\)](#)

² [Quality Management & Safety Control of Industrial Products Act Enforcement Regulations, Ref. clause 23 \(in Korean\)](#)

FOR ENQUIRIES:

Global Competence Support Centre: gcsc@sgs.com
 HK—Ruth Hon, Tel: +852 2774 7148 or Ruth.Hon@sgs.com
 KR—Jihae Shin, Tel: +82 31 460 8047 or Jihae.Shin@sgs.com

Asia – Hong Kong. Tel: +852 2334 4481 Fax: +852 2144 7001 mktg.hk@sgs.com
 Australasia – Perth. Tel: +61 (0) 3 9790 3418 Fax: +61 (0) 3 9701 0988 au.cts@sgs.com
 Europe – London —UK. Tel: +44(0) 203 008 7860 Fax: +44 (0) 203 00 7870 gb.cts.sales@sgs.com
 Africa & Middle East – Turkey. Tel: +90 212 368 40 00 Fax: +90 212 296 47 82 sgs.turkey@sgs.com
 Americas – USA. Tel: +1 973 575 5252 Fax: +1 973 575 7175 uscts.inquiries@sgs.com

www.sgs.com/cts Global Competence Support Centre: gcsc@sgs.com
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