

Taiwan – New CNS Standard for Safety of Textiles

Concerning the safety and health problems arising from the use of harmful substances or the poor design in manufacturing of the textile apparels, the Bureau of Standards, Metrology & Inspection (BSMI) of Taiwan made an announcement ¹ on October 6, 2009 for the release of a new standard **CNS 15290:2009 “Safety of Textiles (General Requirements)”** to restrict the safety requirements (see **Table 1**) for general textiles.

Textile products restricted under this new **CNS 15290:2009** include:

- (1) **Baby textile products**
- (2) **Textile products in direct contact with skin**
- (3) **Textile products in indirect contact with skin**
- (4) **Indoor decoration textile materials**



While Geotextiles, textile products for protection against insulation, radioactive contamination and heat are excluded from this scope of safety requirements.

Table 1 – General Safety Requirements for Textile Products

Requirements	Baby textile products	Textile products in direct contact with skin	Textile products in indirect contact with skin	Indoor decoration textile materials	Test Method
Free formaldehyde [Comply with CNS 14940:2009]	< 20 ppm	< 75 ppm	< 300 ppm	< 300 ppm	CNS 12943:1991
Azocolourants	≤ 30 ppm				CNS 15205-1:2008 & CNS 15205-2:2008
Cadmium (in textile accessories)	Not allowed				CNS 4797-2:2004
Lead (in surface coating materials of textile products intended for children of aged 12 or less)	≤ 90 ppm				CNS 4797-2:2004
Physical safety requirement	Comply with CNS 15291:2009 “Safety of children’s clothing – Cords and drawstrings on children’s clothing – Specifications”.				CNS 15291:2009
Organotin	Not detected ²				EPA Method: NIEA T504.30B ²
Marking & Labeling	<ul style="list-style-type: none"> ▪ Name, telephone & address of manufacturer or importer. ▪ Size or Dimension ▪ Country of origin ▪ Fibre composition ▪ Care labeling (According to CNS 8148:2008) 				

¹ BSMI news on October 6, 2009 entitled [«標檢局制定紡織品安全規範，以維護消費者安全»](#).

² EPA Test Method NIEA T 504.30B “毒性化學物質有機錫類化合物於紡織品之檢測方法 - 氣相層析法 (GC/PFPD或GC/FPD)”. The detection limit for GC/PFPD is 0.1µg/g.