

# SAFEGUARDS

SGS CONSUMER TESTING SERVICES

HARDLINES

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## US ILLINOIS BANS SOLUBLE CADMIUM IN CHILDREN'S JEWELRY

Legislation that places restrictions on cadmium in children's jewelry was signed into law by the Illinois State Governor Pat Quinn. The regulation applies to products manufactured after July 1st, 2011.

On July 29th, 2010, the State of Illinois joined Minnesota and Connecticut in regulating cadmium in children's jewelry<sup>1</sup>. Children's jewelry is defined as any jewelry, including charms, bracelets, pendants, necklaces, earrings or rings, and component thereof, that is made, marketed or designed for or intended primarily for use by children under the age of 12. The scope of the new law limits any part or surface coating or accessible substrate that exceeds 75ppm, as determined through solubility testing for heavy metals defined in the ASTM F963<sup>2</sup>. This restriction takes effect upon becoming law and applies to products that are manufactured after July 1st, 2011. A similar law banning total cadmium in jewelry for children up to the age of 12 was signed into law in Connecticut on June 4th, 2010, taking effect on July 1st, 2014<sup>3</sup>.

In Illinois' new law, jewelry is defined as any ornaments worn by a person:

- Ankle bracelet, arm cuff, bracelet, brooch, chain, crown, cuff link, hair accessory, earring, necklace, decorative pin, ring,
- Body-piercing jewelry,
- Jewelry placed in the mouth for display ornament,
- Charm, bead, chain, link, pendant, or any other component listed in this definition,
- Charm, bead, chain, link, pendant, or other attachment, to shoes or clothing that can be removed and may be used as a component of an item listed under this definition,
- Watch, if the timepiece is a component of an item listed in this definition, excluding the timepiece itself if that timepiece can be removed from the component.

The new law has also some important provisions:

- A manufacturer of children's jewelry restricted under this Act must notify persons that sell the manufacturer's products in Illinois about the provisions of this Act no less than 90 days before the effective date of the restrictions.
- A manufacturer that sells or distributes children's jewelry prohibited from sale or distribution under this Act shall recall the product and reimburse the retailer or any other purchaser for the product.

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<sup>1</sup> [Governor Quinn Signs Bill to Reduce Harmful Metal in Children's Jewelry, Cadmium Exposure Endangers Public Health, IGNN, Illinois Government News Network, July 29, 2010,](#)

<sup>2</sup> [Cadmium-Safe Kids Act, Public Act 096-1379, HB 5040 enrolled, Illinois General Assembly](#)

<sup>3</sup> [US Connecticut Bans Total cadmium in Children's Jewelry, Safeguards 102/10, June 2010, June 2010 and US Legislation for Cadmium in Children's Jewelry, Safeguards 93/10, May 2010](#)

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

Highlights of the ban on cadmium for Illinois, Connecticut and Minnesota are summarized in Table 1.

Jurisdiction	Act (Bill)	Scope	Requirement	Effective date
Connecticut	Public Act 10-113 (Substituted HB 5314)	<b>Jewelry for children up to age of 12</b>	≤ 75 ppm total cadmium	July 1st, 2014
Illinois	Public Act 96-1379 'Cadmium-Safe Kids Act' (HB 5040, Session 2010)	<b>Jewelry for children under the age of 12</b> Paint or surface coating or accessible substrate	≤ 75 ppm soluble cadmium using ASTM F963	Products manufactured after July 1st, 2011
Minnesota	Chapter 347 (SF 2510, 2010 Session)	<b>Jewelry for children up to age of 6</b> Surface coating or accessible substrate material of metal or plastic components	≤ 75 ppm soluble cadmium using ASTM F963	January 1st, 2011 for manufacturer or wholesaler March 1st, 2011 for retailer

Table 1

SGS will follow-up and inform about developments on regulations or policies in consumer products as a complementary service.

Throughout our global network of laboratories, we are able to provide a range of services, including analytical testing and consultancy for cadmium, lead and other restricted substances in jewelry and other consumer products for the US and worldwide requirements. Please do not hesitate to contact us for further information.



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