



US Congress Proposes Toxic Metals Protection Act 2010

On July 29, 2010, the US Congress proposed the Toxic Metals Protection Act of 2010 to prohibit the manufacture, sale, or distribution in commerce of **children's products** containing excessive cadmium (Cd), chromium (Cr), barium (Ba), or antimony (Sb).

The Challenge:

According to the bill, no person may manufacture for sale, offer for sale, or distribute in commerce any children's product containing excessive amount of soluble antimony, barium, cadmium, or chromium compounds. The maximum soluble migrated element in parts per million (ppm) is listed below:

- 60 ppm for antimony;
- 1000 ppm for barium;
- 75 ppm for cadmium;
- 60 ppm for chromium.

Notes:

"**Children's product**" are defined as a product designed or intended to be worn or used by children 12 years of age or younger and sold or distributed at retail.

Not later than 90 days after the date of enactment of this Act, the CPSC shall establish a measurement standard for antimony, barium, cadmium, and chromium based on a units-of-mass-per-area standard that is statistically comparable to the parts-per-million measurement standard currently used.

Further Information:

On 13 January, 2010, the US Congress proposed the Children's Toxic Metals Act to prohibit the manufacture, sale or distribution in commerce of **children's jewelry** containing cadmium, barium or antimony. The bill requires that any children's jewelry that is composed in whole or in part of cadmium, barium or antimony shall be treated as a banned hazardous substance under the Federal Hazardous Substance Act.

The Solution:

Intertek has developed precise analytical methods in verifying the concentration of toxic metals in various products. We offer comprehensive programs and services which draw on our industry specific knowledge and technical expertise.

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