



New York State began restricting lead in children's jewelry

On December 16, 2019, the Governor of the State of New York signed into law Assembly Bill A6041 (S4046) to regulate lead in children's jewelry. The new bill will become effective on January 1, 2021. Highlights of the new law are summarized in the following table:

Substance	Scope	Requirement	Effective Date
Lead Content	Jewelry for children under 12	Paints or similar surface coatings: ≤ 40 ppm otherwise warning statement if exceeds 40 ppm but less than or equal to 90 ppm* Substrates: ≤ 40 ppm otherwise warning statement if exceeds 40 ppm but less than or equal to 100 ppm*	January 1, 2021

According to the definitions in the new bill, jewelry means any of the following ornaments worn by a person:

1. 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 or ornament.
2. A charm, bead, chain, link, pendant, or other component in point 1 above.
3. A 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 ornament in point 1 above.
4. A watch in which a timepiece is a component of an ornament in point 1 above, excluding the timepiece itself if the timepiece can be removed from the ornament.



Original link: [A6041](#)

Summary of laws and regulations on children's jewelry in the United States:

State	Laws/Regulations	Scope	Substance	Requirement		
US	ASTM F2923	Jewelry for children under 12	Total Pb	Total Pb in coating < 90ppm; Total Pb in substrate < 100ppm		
			Total Cd	1.Total Cd in coating & substrate (Only accessible) ≤ 300 ppm; If the Total Cd is more than 300ppm, additional test of soluble Cd is required.		
				2.Soluble Cd requirement:		
				Metal	Small part	Soluble Cd $\leq 200\mu\text{g}$
					Mouthable non small part	Soluble Cd $\leq 18\mu\text{g}$



				Plastic	Small part	Soluble Cd \leq 75mg/kg
					Mouthable non small part	Soluble Cd \leq 18 μ g
			Soluble 7E	Accessible paint & coating: Sb: 60ppm; As: 25ppm; Ba: 1000ppm; Cd: 75ppm; Cr: 60ppm; Hg: 60ppm; Se: 500ppm		
			Nickle release	Body-Piercing Jewelry: 0.2 μ g/cm ² /week Metal in direct and prolonged contact with the skin: 0.5 μ g/cm ² /week		
			Liquid Filled Jewelry	The liquid shall meet the relevant requirements of 16CFR1500.231 and the label requirements of 16CFR1500.14		
California	SB647	Jewelry for children under 15	Total Pb	Total Pb in coating \leq 90ppm; Total Pb in substrate \leq 100ppm		
			Cd	Soluble Cd in coating \leq 75ppm; Total Cd in substrate \leq 300ppm		
Illinois	IL ST CH 430 § 140/1 to 140/99	Jewelry for children under 12	Total Pb	Total Pb \leq 40 ppm		
			Soluble Cd	Soluble Cd \leq 75 ppm		
Maryland	MD Code, Environment, § 6-1401 to -1404	Jewelry for children under 13	Total Cd	Total Cd \leq 75 ppm		
Connecticut	C.G.S.A. § 21a-12d	Jewelry for children under 12	Total Cd	Total Cd \leq 75 ppm		
Minnesota	M.S.A. § 325E.3891	Jewelry for children under 12	Soluble Cd	Soluble Cd \leq 75 ppm		

HCT SOLUTION:

Under the background of the China-US trade war, various states of America have released multiple technical barriers one by one. Those technical barriers made a push on the legislation and supervision of laws and regulations on consumer products, which makes the enterprises exporting products to US hard to cope with. HCT hereby reminds enterprises to pay attention to the update of America federal and states laws and regulations, to evaluate the products' compliance in advance to ensure safety exportation.

HCT has professional technical teams and has rich experience in consumer products testing. And as a CPSC authorized third party lab., HCT can develop personalized solutions for customers to help cope with the compliance requirements.

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