# HONGCAITESTING

Children's Jewelry

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	<ul> <li>Paints or similar surface coatings:</li> <li>≤ 40 ppm otherwise warning statement if exceeds 40 ppm but less than or equal to 90 ppm*</li> <li>Substrates:</li> <li>≤ 40 ppm otherwise warning statement if exceeds 40 ppm but less than or equal to 100 ppm*</li> </ul>	January 1, 2021

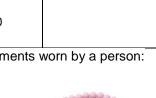
According to the definitions in the new bill, jewelry means any of the following ornaments worn by a person:

- 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 or ornament.
- 2. A charm, bead, chain, link, pendant, or other component in point 1 above.
- 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 point1 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		
	ASTM F2923	Jewelry for children under 12	Total Pb	Total Pb in coating < 90ppm; Total Pb in substrate < 100ppm		
US			Total Cd	<ul> <li>1.Total Cd in coating &amp; substrate (Only accessible)</li> <li>≤ 300ppm; If the Total Cd is more than 300ppm, additional test of soluble Cd is required.</li> <li>2.Soluble Cd requirement:</li> <li>Small part</li> <li>Soluble Cd ≤ 200µg</li> </ul>		
				Metal	Mouthable non small part	Soluble Cd ≤ 200µg Soluble Cd ≤ 18µg







# HONGCAITESTING



					Small part	Soluble Cd ≤ 75mg/kg
				Plastic	Mouthable non	Soluble Cd ≤ 18µg
					small part	
				Accessible paint & coating:		
			Soluble 7E	Sb: 60ppm; As: 25ppm; Ba: 1000ppm; Cd: 75ppm; Cr: 60ppm; Hg: 60ppm; Se: 500ppm Body-Piercing Jewelry: 0.2 μg/cm2/week Metal in direct and prolonged contact with the skin:		
			Nickle			
			release			
			0.5 μg/cm2/week			
			Liquid Filled	The liquid shall meet the relevant requirements of		
				16CFR1500.231 and the label requirements of		
				16CFR1500.14		
	SB647	Jewelry for children under 15	Total Pb Cd	Total Pb in coating ≤ 90ppm; Total Pb in substrate ≤ 100ppm		
California				Soluble Cd in coating $\leq$ 75ppm;		
				Total Cd in substrate $\leq$ 300ppm		
	IL ST CH 430 § 140/1 to 140/99	Jewelry for children under 12	<b>T</b> ( 1 <b>D</b> )			
			Total Pb	Total Pb ≤ 40 ppm		
Illinois			Soluble Cd	Soluble Cd ≤ 75 ppm		
	MD Code,	Jewelry for	Total Cd	Total Cd ≤ 75 ppm		
Maryland	Environment, §	children				
	6-1401 to -1404	under 13				
Connecticut	C.G.S.A. § 21a-12d	Jewelry for		Total Cd ≤ 75 ppm		
		children	Total Cd			
		under 12				
Minnesota	M.S.A. § 325E.3891	Jewelry for		Soluble Cd ≤ 75 ppm		
		children	Soluble Cd			
		under 12				

## **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 barries 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.

### Contact us:

Shenzhen Hongcai testing technology co., LTD. (HCT) Web: http://www.hct-test.com/ Hotline: 400-0066-989T: (86) 755 8416666 Email: service@hct-test.com **Statement:** This publication is only educational and does not replace any legal requirements or applicable rules. Information included in the publication will not be revised. HCT does not guarantee that the content contained in the publication without any errors or will meet any particular performance or quality standards. If there is no consent of HCT in advance, please do not quote or refer any information contained in this publication.