

EU Tightened Up Lead Migration Limits For Toys

Council Directive (EU) 2017/738 was recently adopted by the Council of the EU as amendment to Annex II of Directive 2009/48/EC on safety of toys. Accordingly the migration limits for lead in toys and components of toys shall be reduced with effect from 28 October 2018.

Lead (mg/kg)	Cat I Dry, brittle, powder-like or pliable toy material	Cat II Liquid or sticky toy material	Cat III Scraped-off toy material
Current migration limit	13.5	3.4	160
NEW migration limit *effective on 2018/10/28	2.0	0.5	23

Toys manufactured and/or imported into the EU shall be in compliance with the new requirements, demonstrated through conformity assessment either to a EU harmonized standard, e.g. EN71-3 (to be revised as shown below) or to the related laws, regulations and administrative provisions of the Member States published by 28 October 2018.

Toxic substances (mg/kg)	CAT I	CAT II	CAT III
Aluminium	5,625	1,406	70,000
Antimony	45	11.3	560
Arsenic	3.8	0.9	47
Barium	1,500	375	18,750
Boron	1,200	300	15,000
Cadmium	1.3	0.3	17
Chromium (III)	37.5	9.4	460
Chromium (VI)	0.02	0.005	0.2
Cobalt	10.5	2.6	130
Copper	622.5	156	7,700
Lead	2.0	0.5	23
Manganese	1,200	300	15,000
Mercury	7.5	1.9	94
Nickel	75	18.8	930
Selenium	37.5	9.4	460
Strontium	4,500	1,125	56,000
Tin	15,000	3,750	180,000
Organic Tin	0.9	0.2	12
Zinc	3,750	938	46,000

STC (The Hong Kong Standards and Testing Centre) is a not-for-profit, independent testing, inspection and certification organization. With a global network of ISO/IEC 17025 accredited testing laboratories and over 50 years of experience in consumer product testing, we can meet your conformity assessment needs with highly efficient and reliable service.

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