



EU - EN 71-3:2013 is Harmonised Under the Toys Safety Directive

Further to [Sparkle Vol. 715](#), a reference to EN 71-3:2013 has been published in the EU's Official Journal. Hence compliance with EN 71-3:2013 will offer a presumption of conformity to the migration of certain elements requirements of the Toys Safety Directive 2009/48/EC, which take effect from 20 July 2013.

Per the earlier Sparkle, EN 71-3:2013 already includes the new lower migration limits for barium than those originally published in the Directive. This interim discrepancy has now been resolved through a further amendment to the Directive by Regulation (EU) No 681/2013, shortly before the 20 July deadline. To recap, the EN 71-3:2013 migration limits are as follows

EN 71-3:2013 Migration Limits

Element	Migration Limits		
	Category I Dry, brittle, powder-like or pliable materials mg/kg	Category II Liquid or sticky materials mg/kg	Category III Scraped-off materials mg/kg
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	13.5	3.4	160
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

For details about Intertek's solutions to these new challenges and the broader implications when EN 71-3 is commonly applied to non-toy products too, please download our free White Paper: [Understanding EN71-3 New Chemical Migration Limits in Toys and Childcare Items](#)

For further information, please contact:

Richard Smith

Tel: +44 (0)116 263 9620

Fax: +44 (0)116 282 4586

Email: richard.smith@intertek.com or consumergoods.uk@intertek.com

Regional Contacts

Asia Pacific

2/F, Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong
Tel: +852 2173 8888
Fax: +852 2786 1903

North America

2107 Swift Dr., Ste 200
Oak Brook, IL 60523
Tel: +1 855 522 3463
(LAB FIND)
Fax: +1 630 481 3101

Latin America

8600 N.W. 17th Street,
Suite 100, Miami, FL 33126
Tel: +1 305 513 3000
Fax: +1 305 513 2856

Europe, Africa, Middle East

ECOPARC 2
27400, Heudebouville, France
Tel: +33 2 32 09 36 36
Fax: +33 2 32 09 36 59

Web:

www.intertek.com/consumergoods

E-mail:

consumergoods@intertek.com

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