

 Eurofins NM Laboratory Sdn. Bhd.	BS EN 71-3:2013 SAFETY OF TOYS PART 3 : MIGRATION OF CERTAIN ELEMENTS	Document no.	ERR.004
		Date of issue	23/01/2018
		Page no.	1 of 1

Migration limits form toys materials

Element	BS EN 71-3 migration of certain elements limit; mg/kg		
	Category I	Category II	Category III
Aluminium	5625	1406	70000
Antimony	45	11.3	560
Arsenic	3.8	0.9	47
Barium	1500	375	18750
Boron	1200	300	15000
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	7700
Lead	13.5	3.4	160
Manganese	1200	300	15000
Mercury	7.5	1.9	94
Nickel	75	18.8	930
Selenium	37.5	9.4	460
Tin	15000	3750	180000
Organic tin	0.9	0.2	12
Zinc	3750	938	46000

Reference

(2013). BS EN 71-3. Safety of Toys Part 3: Migration of Certain Elements.