



CMA Testing and Certification Laboratories

廠商會檢定中心

TEST REPORT

Report No : AS0034146(7)

Date : 24 Jun 2014

Application No : LS021551(3)

Applicant : CHEUNG KIN HONG KONG LTD.
ROOM 1504, 15/F, RICKY CENTRE,
36 CHONG YIP ST, KWUN TONG, KLN

Sample Description : One (1) submitted sample stated to be used for :
Item Name : BLOCKSIL NO SLIP FLOOR SEAL

Date Received : 13 Jun 2014.

Test Period : 16 Jun 2014 to 20 Jun 2014.

Test Requested : Test with reference to EN71 : Part 3 : 2013 - Migration of certain elements
(Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium (III),
Chromium (VI), Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium,
Strontium, Tin, Organic Tin and Zinc).

Test Method : With reference to the above specifications. Heavy metal analysis was determined
by Atomic Absorption Spectrophotometry and/or Inductively Coupled Plasma
Spectrometry (ICP-OES) and/or Inductively Coupled Plasma Mass Spectrometry
(ICP-MS) and/or Liquid Chromatograph-Inductively Coupled Plasma Mass
Spectrometry (LC-ICP-MS).

Test Result : Refer to the results on page 2.

For and on behalf of
CMA Industrial Development Foundation Limited

Authorized Signature : _____


Wan Leong Hang
Deputy Manager
Toys and Material Division

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Test Result :

Test with reference to EN 71 : Part 3 : 2013

Scraped-off toy material

Element	Migration limit (mg/kg) (for reference only)	Result (mg/kg)
		Sample
		1
Aluminium (Al)	70,000	<100
Antimony (Sb)	560	<5
Arsenic (As)	47	<5
Barium (Ba)	18,750	<20
Boron (B)	15,000	<100
Cadmium (Cd)	17	<5
Chromium (III)	460	<1
Chromium (VI)	0.2	<0.15
Cobalt (Co)	130	<5
Copper (Cu)	7,700	<5
Lead (Pb)	160	<5
Manganese (Mn)	15,000	<100
Mercury (Hg)	94	<5
Nickel (Ni)	930	<5
Selenium (Se)	460	<5
Strontium (Sr)	56,000	<100
Tin (Sn)	180,000	<2.5
Organic tin	12	-
Zinc (Zn)	46,000	<100

- Note :
- All results are in mg/kg
 - < denotes less than
 - ≥ denotes greater than or equal to
 - For samples of migrated chromium content lower than migration limit of chromium (VI), no speciation test for chromium (III) and chromium (VI) were conducted. The results were derived from that of total chromium.
 - For samples of migrated tin content calculated as tributyl tin lower than migration limit of organic tin, no organic tin test was conducted

Sample	Description	Sample Weight
1	Milky white wet paint of sample	≥100 mg



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Appendix



***** End of Report *****