

TEST REPORT

NUMBER: LTR19080029A

APPLICANT: Time Flies for Kids
46 Caledonian Road
Bath
BA2 3RD

DATE: 12th August 2019

For the attention of Lucy Taylor / Jill Murphy

SAMPLE DESCRIPTION: 4 Uncoated Plywood Discs

REFERENCE / STYLE NO.: Ref: Magnets, Batch No: 001

RETAILER: Not specified

SAMPLES RECEIVED: 1st August 2019

PURCHASE ORDER: None

TEST REQUEST: ^BS EN 71-3: 2013 + A3:2018, EN 71-3:2013 + A3:2018

CONCLUSION: The results of the tests carried out **MEET** the requirements of the requested Standard.

Tests marked (^) in this report are included in the scope of accreditation of the sub-contractor who performed the test.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.
Tests marked (**) in this report are not included in the scope of accreditation of the sub-contractor who performed the test.
Opinions, interpretations and comments expressed herein are outside the scope of accreditation.



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Specification: BS EN 71-3:2013+A3:2018, EN 71-3:2013+A3:2018

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP-MS

Category	TEST	RESULTS
III	Scraped off toy material	Pass

Note: The results for chromium (III), chromium (VI) and organic tin are based on the overall migration of chromium and tin respectively and specific testing for these chemicals was not carried out (unless confirmation testing is indicated). This is in accordance with Annex I of the standard.

MATERIALS SAMPLED

No.	DESCRIPTION	Sample weight (<100mg)
CATEGORY III – SCRAPED OFF		
1	Yellow coating	
2	Blue coating	
3	Black coating	
4	Pink coating	
5	Black magnet	

Where sample weights are written above these were less than 100 mg. The migration results below for these samples have been calculated as though the sample weight were 100 mg.

CATEGORY III - SCRAPED OFF

Element	Analytical Results																	Theoretical Maximum Results		
	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Al	B	Co	Cu	Mn	Ni	Sr	Sn	Zn	Cr (III)	#Cr (VI)	##OT
EN71-3 Limit	560	47	18750	17	-	23	94	460	70000	15000	130	7700	15000	930	56000	180000	46000	460	0.2	12
1	<0.2	<0.1	<100	<0.12 5	<0.00 4	<0.12 5	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.00 4	<0.2
2	<0.2	<0.1	<100	<0.12 5	<0.00 4	<0.12 5	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.00 4	<0.2
3	<0.2	<0.1	<100	<0.12 5	<0.00 4	<0.12 5	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.00 4	<0.2
4	<0.2	<0.1	<100	<0.12 5	<0.00 4	<0.12 5	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.00 4	<0.2
5	<0.2	<0.1	<100	<0.12 5	<0.00 4	<0.12 5	<0.05	<3	<400	<100	<0.5	<50	<100	<6	669.5	<0.2	<300	<0.004	<0.00 4	<0.2



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The reporting limits are as stated in the table above.

OT = Organic tin

All results and the limits are quoted as mg/kg (ppm) of the named material.

† Sample weight of items marked with a cross was less than 100mg. The toxic metal content has been calculated as though the sample weight were 100mg.

Actual levels of chromium (III) or chromium (VI) have not been determined in this analysis, only overall levels of migratable chromium (III) have been analysed: the maximum theoretical amount of chromium (VI) will be equal to or less than the number reported above. Where the value in either of these columns is greater than the associated limit we would advise further testing to accurately determine chromium (III) chromium (VI) levels.

In the case of Category 2 samples we advise testing for chromium (III) and chromium (VI) is carried out on all samples due to the very low PASS/FAIL limit related to these materials

Actual levels of organic tin have not been determined in this analysis: the maximum theoretical amount of any single organic tin can be different. The result for organic tin presented is calculated as if all the tin were present as TBT (Tri-butyl Tin) only.

Date of Testing: 7th – 9th August 2019



END OF REPORT

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