

TEST REPORT

NUMBER: LTR19060071A

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

DATE: 12th July 2019

For the attention of Lucy Taylor

SAMPLE DESCRIPTION: Plywood Discs

REFERENCE / STYLE NO.: Not specified

RETAILER: Not specified

SAMPLES RECEIVED: 7th June 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.
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Opinions, interpretations and comments expressed herein are outside the scope of accreditation.



GEORGE CARTER
Technician
HARDLINES



TEST REPORT

NUMBER: LTR19060071A

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	Plywood Discs	

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	<0.125	<0.004	<0.125	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	<0.004	<0.004	<0.2

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



TEST REPORT

NUMBER: LTR19060071A

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: 9-11th July 2019



END OF REPORT

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TEST REPORT

NUMBER: LTR19080028A

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

DATE: 6th 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: Time Flies for Kids

SAMPLE RECEIVED: 1st August 2019

PURCHASE ORDER: None

TEST REQUEST: BS EN 71-1: 2014 + A1:2018, EN 71-1:2014 + A1:2018
BS EN 71-2: 2011 + A1:2014, EN 71-2:2011 + A1:2014

CONCLUSION: The results of the tests carried out **MEET** the requirements of the requested Standards; however, we draw your attention to comments under A.26 & A.33.

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ANDREW LANGTON
SENIOR TECHNICIAN
TOYS & HARDLINES

TEST REPORT

NUMBER: LTR19080028A

This report details the clauses appropriate to this item. Those clauses not referred to were considered not applicable.

Specification: **BS EN 71-1: 2014+A1:2018, EN 71-1: 2014+A1:2018 Safety of toys – Specification for Mechanical and physical properties**

The item was tested for children aged over 10 months.

SECTION	TEST	RESULTS
4	GENERAL REQUIREMENTS	
4.1	Material Cleanliness	Pass
4.7	Edges	
	c) Edges of Metal & Rigid Polymer free from Burr	Pass
4.8	Points & Metallic Wires	
	a) Hazardous Sharp Points	Pass
4.23	Magnets	
4.23.2	Toys Other Than Magnetic/Electrical Experimental Sets	
	b) Magnets & Magnetic Components that become released from a toy when tested <i>The toy was subjected to the use and abuse tests as specified in this clause and did not release any small magnetic parts. As no small magnetic parts were released, the magnetic flux assessment was not applicable.</i>	N/A – See comments
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	General Requirements	
	a) Toys & Removable Components	Pass
	b) Use and Abuse Tests & Springs	Pass
	e) Glued Wooden Toys & Toys with Glued-on Plastic Decals	Pass
A.26	Cleaning & Washing Requirements <i>The Toy Safety Directive 2009/48/EC require that toys for children under 36 months comply with the following:</i> <i>A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The toy shall fulfil the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions.</i> <i>This is not a requirement of EN71 Standard; as such no testing was conducted.</i>	See comments
5.10	Small Balls	
	a) Toys shall not be small balls or contain removable small balls	Pass
6	Packaging <i>Final packaging was not submitted with the sample. Any packaging must be evaluated against the requirements of EN71 Clause 6.</i>	See comments

TEST REPORT

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SECTION	TEST	RESULTS
A.33	<p>Markings – Toy Directive 2009/48/EC</p> <p><i>The following are requirements of Toy Safety Directive 2009/48/EC.</i></p> <p><i>Toys made available on the market shall bear a CE mark.</i></p> <p><i>The CE marking is subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008.</i></p> <ul style="list-style-type: none"> • <i>The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging.</i> • <i>.</i> • <i>Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging.</i> • <i>Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.</i> <p><i>The manufacturer’s name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.</i></p> <p><i>This requirement applies also to the name and address etc. of any importer.</i></p> <p><i>Manufacturers and importers shall also ensure that their toys are accompanied by instructions and safety information in a language or languages easily understood by consumers, as determined by the Member State concerned and bear a type, batch, serial or model number or other element allowing their identification, or, where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.</i></p>	See comments

Date of Testing: 6th August 2019

Specification: BS EN 71-2: 2011 + A1:2014, EN 71-2:2011 + A1:2014 – Flammability

SECTION	TEST	RESULTS
4.1	GENERAL	
	Celluloid/cellulose nitrate and materials with a similar burning behaviour in fire	Pass

Date of Testing: 6th August 2019

TEST REPORT

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END OF REPORT

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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.

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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
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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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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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PAGE 3 OF 4

TEST REPORT

NUMBER: LTR19080029A

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