

Test Report No. 2794653

Date : 16-Sep-2014

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Client : Dilemma Games Ltd.

**The Punna1 business center,506;Nimmanhaemin Road soi 6,
T.Suthep A.Muang Chiangmai 50200 Thailand**

The following sample(s) was/were submitted and identified by client as:

Sample Description : AVION/JUMBO AIRPLANE PUZZLE
 Sample No. : 2872572
 Sample Condition : As per attached photograph.
 Quantity Submitted : 2 pcs
 Buyer Reference No. : 916422
 Supplier Reference No. : IQ131F
 Materials : WOODEN, METAL
 Supplier : Dilemma Games Ltd
 Country of Destination : France
 Labeled Age Grading : 3 Y+
 SGS Assessed Age : OVER 36 MONTHS (According to CR 14379)
 Grading :
 Tested Age Grading : OVER 36 MONTHS
 Sample Receiving Date : 5-Sep-2014
 Testing Period : 5-Sep-2014 to 16-Sep-2014
 Test Results : Please see the attached sheet.

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Test Requested & Result Summary

Test Requested :

For compliance with the European Standard on Safety of Toys :-

1. EN71 Part 1:2011+A3:2014 - Mechanical and Physical Properties
2. EN71 Part 2:2011+A1:2014 - Flammability of Toys
3. EN71 Part 3:2013 - Migration of certain elements

Result Summary :

Test Parameter

1. EN71 Part 1:2011+A3:2014 - Mechanical and Physical Properties
2. EN71 Part 2:2011+A1:2014-Flammability of Toys
3. EN71 Part 3:2013-Migration of certain elements

Conclusion

PASS
PASS
PASS

- Labeling requirement (Washing/Cleaning Label, CE mark, importer manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys

See Result on page 5 of 7

Remark : Test results in this report are applicable for the item tested and reflects the tested sample as received.

**Signed for and on behalf of
SGS (Thailand) Limited**



**Rutchuporn Mungsom
Laboratory manager - Toy and Hardgood**

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TEST RESULTS

Mechanical and Physical Properties

Test Method : As specified in EN 71-1:2011+A3:2014

Clause	Description	Results
4	General requirements	
4.1	Material cleanliness**	PASS
4.7	Edges	PASS
4.8	Points and metallic wires	PASS
4.9	Protruding parts	PASS
5	Toys intended for children under 36 months	
5.1	General requirements (Remark: Small part was found. Therefore, the product should be warned in accordance with 7.2.)	N/A
6	Packaging	N/A
7	Warnings, markings and instructions for use (Note: It is drawn to your attention that the warnings, precautions and instructions for use should be given in the national language(s) of the country where the product is sold. Only English/ French was reviewed.)	
7.1	General (Remark: The manufacturer shall mark the warnings in a clearly visible, easily legible and understandable and accurate manner on the product, on an affixed label or on the packaging. In addition, the warnings shall be included in the instructions for use which accompany the product. A toy shall not bear a warning that conflicts with the intended use of the toy, as determined by virtue of its function, dimension and characteristics. The warnings shall be preceded by the words "Warning" or "Warnings", as appropriate. The word "Warning" or "Warnings" may be followed by e.g. an exclamation mark. Warnings which determine the decision to purchase the toy shall appear on the consumer packaging or be otherwise clearly visible to the consumer before the purchase. Small toys that are sold without packaging (for example from a display box or from a vending machine) shall have the appropriate warnings affixed to them. In all cases the warning shall be clearly legible at the point of sale. It is not sufficient to place the warning(s) only on a display box. NOTE The requirement that warnings must be clearly visible to the consumer at the time of purchase applies also in cases where the purchase is made on-line (e.g. internet) or by catalogue or by other means where the buyer does not have access to the toy at the time of purchase.)	PASS

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TEST RESULTS

7.2 Toys not intended for children under 36 months PASS
 (Remark: Small part was found after abuse test. It is acceptable, because appropriate warning was found on the packaging.)

Remark : 1. Only applicable clauses were shown.
 2. N/A = Not applicable.
 3. ** = Visual examination only.

Flammability

Test Method : As specified in EN71 Part 2:2011+A1:2014

Clause	Description	Results
4.1	General	PASS

Remark : Only applicable clauses were shown.

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TEST RESULTS

Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC - Safety of toys

Summary table:

	Observation Result	Location
CE mark	Present	Packaging
Manufacturer's Name	Absent	Toy/Packaging
Manufacturer's Address	Absent	Toy/Packaging
Importer's Name	Present	Packaging
Importer's Address	Present	Packaging
Product ID	Present	Packaging

Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soaked. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer'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.
4. Manufacturers must ensure that their toys 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.

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TEST RESULTS
EN71-3 : 2013 - Migration of certain elements
Category III : Scrapped-off toy material

Method : With reference to EN-71-3 : 2013. Analysis of general elements was performed by ICP-OES and ICP-MS. Chromium (III) was obtained by calculation ,chromium (VI) was analyzed by UV-VIS.

Analysis		Result (mg/kg)		Limit (mg/kg)
		Sample (1)	Sample (2)	
Aluminium (Al)	(Soluble)	<10	126	70,000
Antimony (Sb)	(Soluble)	<15	<15	560
Arsenic (As)	(Soluble)	<15	<15	47
Barium (Ba)	(Soluble)	<5	<5	18,750
Boron (B)	(Soluble)	<10	<10	15,000
Cadmium (Cd)	(Soluble)	<5	<5	17
Chromium (Cr)	(Soluble)	0.5	<0.2	--
Chromium (III) (Cr (III))***	(Soluble)	0.5	Not conducted	460
Chromium (VI) (Cr (VI))***	(Soluble)	<0.2	Not conducted	0.2
Cobalt (Co)	(Soluble)	<10	<10	130
Copper (Cu)	(Soluble)	<10	<10	7,700
Lead (Pb)	(Soluble)	<5	<5	160
Manganese (Mn)	(Soluble)	<10	<10	15,000
Mercury (Hg)	(Soluble)	<5	<5	94
Nickel (Ni)	(Soluble)	<10	<10	930
Selenium (Se)	(Soluble)	<15	<15	460
Strontium (Sr)	(Soluble)	<10	<10	56,000
Tin (Sn)	(Soluble)	<10	<10	180,000
Organic Tin [^]	(Soluble)	Not conducted	Not conducted	12
Zinc (Zn)	(Soluble)	<10	<10	46,000
Conclusion		PASS	PASS	

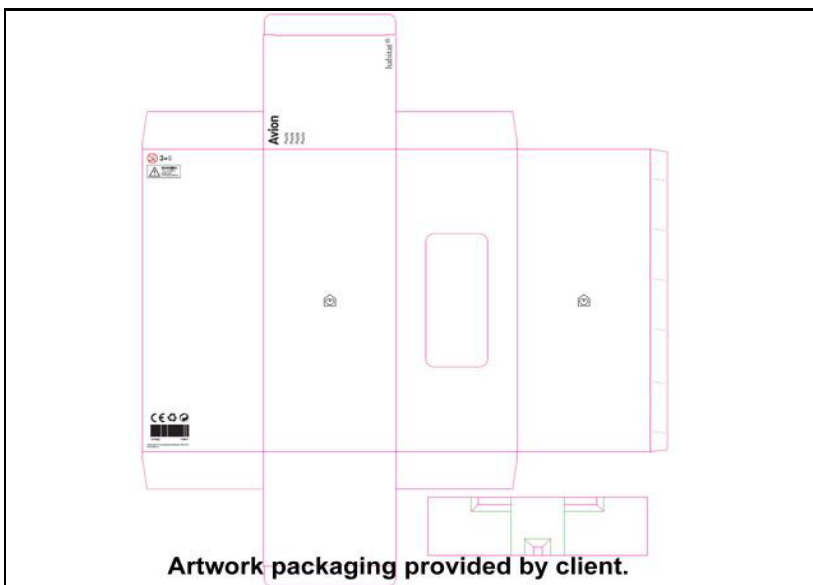
Sample description :

1. Black coating from wheel
2. Natural wood with lacquer coating

Remark : 1. Results shown are based on the total weight of dry sample.

2. < = Less than
3. 1 mg/kg = 1 ppm (part per million)
4. *** = Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013
5. ^ = Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013.

SAMPLE/ATTACHMENT PICTURE



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

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