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WB Design
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 2988 BA Ridderkerk
 The Netherlands

ANALYTICAL REPORT SP18-046784

The analysis of the sample said to be : Toys

Article description : Puppets
 Packaging : -
 Instructions for use/assembly : Not Provided
 Article no : -
 Manufacturer : -
 Country of Origin : -
 Labelled Age Grading : -
 Requested Age : -
 SGS Assessed Age for testing* : 0+
 Date sample received : 06-12-2018
 Testing Period : 06-12-2018 till 18-12-2018

(* Based on ISO/TR 8124-8)



<u>Sample</u>	<u>Description</u>
001	Puppet (total product)
002	White textile
003	Blue textile stripes
004	White cord
005	Label textile
006	Pink textile

Test Requested

EN 71-1 Safety of Toys - Mechanical and physical properties
 EN 71-2 Safety of Toys - Flammability
 EN 71-3 Safety of Toys - Migration of Certain Elements CAT III
 Conclusion-EN71-1 Labelling requirement 2014

Method

EN 71-1:2014
 EN 71-2:2011+A1(2014)
 EN 71-3:2013+A1(2014)
 Directive 2009/48/EC

Result

PASS
 PASS
 PASS
 See page 2

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Results

EN 71-1

Clause 4 General Requirements (EN 71-1 [Clause 4:2014])	001
4.1 Material cleanliness	PASS
4.7 Edges	PASS
4.8 Points and wires	PASS

Clause 5 Toys intended for children under 36 mths (EN 71-1 [Clause 5:2014])	001
5.1 General Requirements	N/A
5.2 Soft-filled toys and soft filled parts of a toy	PASS

Clause 6 Packaging (EN 71-1 [Clause 6:2014])	001
6 Packaging	N/A

Clause 7 Warning and instructions for use (EN 71-1 [Clause 7:2014])	001
7.1 General	PASS

EN 71-1 Labelling

Safety of Toys - Labelling requirements (Directive 2009/48/EC)	001
Washing/Cleaning instruction	Absent
Washing/Cleaning instruction location	Absent
CE Mark	Absent
CE Mark Location	Absent
Importer's Name & Address	Absent
Importer's Name & Address Location	Absent
Manufacturer's Name & Address	Absent
Manufacturer's Name & Address location	Absent
Product ID	Absent
Product ID location	Absent

* Importer is seen as manufacturer if no manufacturer is named

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.

EN 71-2

EN 71-2 Safety of Toys - Flammability (EN 71-2:2011+A1(2014))	001
4.1 General requirements	PASS
4.5 Soft Filled Toys	PASS
Flame Rate	13,26
Conclusion EN 71-2	PASS

EN 71-3 Safety of Toys - Migration of Certain Elements CAT III

Category III: Scraped-off materials

Method: In accordance with EN71-3:2013+A1(2014). Analysis of general elements is performed by ICP-MS. If confirmation of Chromium (III) and Chromium (VI) has been performed, Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by IC-UV/VIS and organic tin was analyzed by GC-MS.

		mg/kg			Permissible Limit (mg/kg)
		002	003	004	
Weight of the sample	g	>0,10	>0,10	>0,10	
Soluble Aluminium	Al	<50	<50	<50	70.000
Soluble Antimony	Sb	<10	<10	<10	560
Soluble Arsenic	As	<10	<10	<10	47
Soluble Barium	Ba	<50	<50	<50	18.750
Soluble Boron	B	<50	<50	<50	15.000
Soluble Cadmium	Cd	<5,0	<5,0	<5,0	17
Soluble Chromium	Cr	0,21	<0,15	<0,15	--
Soluble Chromium (III)	Cr(III)	<5,0	<5,0	<5,0	460
Soluble Chromium (VI)	Cr(VI)	<0,18	<0,18	<0,18	0,2
Soluble Cobalt	Co	<10	<10	<10	130
Soluble Copper	Cu	<50	<50	<50	7.700
Soluble Lead	Pb	<10	<10	<10	160
Soluble Manganese	Mn	<50	<50	<50	15.000
Soluble Mercury	Hg	<10	<10	<10	94
Soluble Nickel	Ni	<10	<10	<10	930
Soluble Selenium	Se	<10	<10	<10	460
Soluble Strontium	Sr	<50	<50	<50	56.000
Soluble Tin	Sn	<0,20	<0,20	<0,20	180.000
Soluble Organic Tin	Org_Tin	<4,9	<4,9	<4,9	12
Soluble Zinc	Zn	<50	<50	<50	46.000
Conclusion		PASS	PASS	PASS	

- Note:
- NC = Not conducted
 - INCONCLUSIVE = Confirmation test is recommended.
 - Confirmation test of soluble chromium (III) and chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2013+A1(2014). Confirmation shall be subcontracted within The SGS group.
 - If soluble chromium is <0,18 mg/kg, it is assumed that chromium (III) is <5 mg/kg and chromium (VI) is <0,18 mg/kg.
 - 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+A1(2014). Confirmation shall be subcontracted within The SGS group.
 - If soluble tin is <4,9 mg/kg, it is assumed that soluble organic tin is <12 mg/kg.
 - NA = Not applicable; As received, test portion of the subsample is less than 10 mg, therefore such component was not tested for migration of certain elements, as specified in EN71-3:2013+A1(2014).
 - The measurement uncertainty has been applied to reach the conclusion.
 - The results only apply to the items tested.

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Sample: 003
Description: Blue textile stripes



Sample: 002
Description: White textile



Sample: 004
Description: White cord



Sample: 005
Description: Label textile



Sample: 006
Description: Pink textile



Spijkensisse, 18 December 2018
C&R/AFL Laboratory

E.A.M. van Meurs
Laboratory Manager

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