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Joy Crafts
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ANALYTICAL REPORT SP14-014026

The analysis of the sample said to be : Consumer Products

Article description : Band-it
 Packaging : Carton
 Instructions for use/assembly : Yes
 Product Identification Number : 6200/0800 - 8 717706 024095
 Manufacturer : -
 Country of Origin : -
 Labelled Age Grading : 3+
 Requested Age : 3+
 SGS Assessed Age* : 3+
 Date sample received : 25-06-2014
 Testing Period : 25-06-2014 till 10-07-2014

(* Based on CR 14379/ASTM F963)



Sample	Description
001	Band-it
002	Elastic band - Red
003	Elastic band - Turquoise
004	Elastic band - Purple
005	Elastic band - Blue
006	Elastic band - Orange
007	Elastic band - White
008	Elastic band - Yellow
009	Elastic band - Pink
010	Elastic band - Black
011	Elastic band - Green
012	Elastic band - Light blue
013	Transparant pin board
014	Turquoise base
015	Hook
016	S-clips
017	Hook cover

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 2013 CAT III
 Safety of Toys - Labelling requirements

Method

EN 71-1:2011
 EN 71-2:2011
 0003S;EN71-3:2013
 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 4:2011])	001
Intended age group of tested toy	Older than 36 months
4.0 General Requirements	A
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 5:2011])	001
5.1 General Requirements	N/A (See remark)
5.4 Cords, chains and electrical cables in toys	N/A

Remark: Small parts were found after test. It is acceptable because appropriate age warning is found on packaging.

Clause 6 Packaging

(EN 71-1 [Clause 6:2011])	001
6 Packaging	PASS

Clause 7 Warning and instructions for use

(EN 71-1 [Clause 7: 2011])	001
7.0 Warning and Instructions	A
7.1 General	PASS
7.2 Toys not intended for children under 36 months	PASS

EN 71-1 Labelling

Safety of Toys - Labelling requirements

(Directive 2009/48/EC)	001
Washing/Cleaning instruction	Not applicable
Washing/Cleaning instruction location	Not applicable
CE Mark	Present
CE Mark Location	Packaging
Importer's Name & Address	Present
Importer's Name & Address Location	Packaging
Manufacturer's Name & Address	Absent*
Manufacturer's Name & Address location	Absent*
Product ID	Present
Product ID location	Packaging

* Importer is seen as manufacturer as 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 soak washed. 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)	001
4.1 General requirements	PASS

EN 71-3 Safety of Toys - Migration of Certain Elements 2013 CAT III

Method: With reference to EN71-3:2013. Analysis of general elements was 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 LC-ICPMS.

		mg/kg			Permissible Limit (mg/kg)
		002	003	004	
Weight of the sample	g	0,25	0,25	0,25	
Soluble Aluminium	Al	59	<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	0,40	0,38	0,32	--
Soluble Chromium (III)	Cr(III)	<1	<1	<1	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	<4,9	<4,9	<4,9	180.000
Soluble Organic Tin	--	<12	<12	<12	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) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2013.
 - 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.

		mg/kg				Permissible Limit (mg/kg)
		005	006	007	008	
Weight of the sample	g	0,25	0,26	0,25	0,25	
Soluble Aluminium	Al	<50	<50	<50	<50	70.000
Soluble Antimony	Sb	<10	<10	<10	<10	560
Soluble Arsenic	As	<10	<10	<10	<10	47
Soluble Barium	Ba	<50	<50	<50	<50	18.750
Soluble Boron	B	<50	<50	<50	<50	15.000
Soluble Cadmium	Cd	<5,0	<5,0	<5,0	<5,0	17
Soluble Chromium	Cr	0,28	0,20	0,24	0,40	--
Soluble Chromium (III)	Cr(III)	<1	<1	<1	<1	460
Soluble Chromium (VI)	Cr(VI)	<0,18	<0,18	<0,18	<0,18	0,2
Soluble Cobalt	Co	<10	<10	<10	<10	130
Soluble Copper	Cu	<50	<50	<50	<50	7.700
Soluble Lead	Pb	<10	<10	<10	<10	160
Soluble Manganese	Mn	<50	<50	<50	<50	15.000
Soluble Mercury	Hg	<10	<10	<10	<10	94
Soluble Nickel	Ni	<10	<10	<10	<10	930
Soluble Selenium	Se	<10	<10	<10	<10	460
Soluble Strontium	Sr	<50	<50	<50	<50	56.000
Soluble Tin	Sn	<4,9	<4,9	<4,9	<4,9	180.000
Soluble Organic Tin	--	<12	<12	<12	<12	12
Soluble Zinc	Zn	<50	<50	<50	<50	46.000
Conclusion		PASS	PASS	PASS	PASS	

- Note:
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		mg/kg				Permissible Limit (mg/kg)
		009	010	011	012	
Weight of the sample	g	0,25	0,25	0,26	0,25	
Soluble Aluminium	Al	<50	58	<50	<50	70.000
Soluble Antimony	Sb	<10	<10	<10	<10	560
Soluble Arsenic	As	<10	<10	<10	<10	47
Soluble Barium	Ba	<50	<50	<50	<50	18.750
Soluble Boron	B	<50	<50	<50	<50	15.000
Soluble Cadmium	Cd	<5,0	<5,0	<5,0	<5,0	17
Soluble Chromium	Cr	0,29	0,49	0,35	0,38	--
Soluble Chromium (III)	Cr(III)	<1	<1	<1	<1	460
Soluble Chromium (VI)	Cr(VI)	<0,18	<0,18	<0,18	<0,18	0,2
Soluble Cobalt	Co	<10	<10	<10	<10	130
Soluble Copper	Cu	<50	<50	<50	<50	7.700
Soluble Lead	Pb	<10	<10	<10	<10	160
Soluble Manganese	Mn	<50	<50	<50	<50	15.000
Soluble Mercury	Hg	<10	<10	<10	<10	94
Soluble Nickel	Ni	<10	<10	<10	<10	930
Soluble Selenium	Se	<10	<10	<10	<10	460
Soluble Strontium	Sr	<50	<50	<50	<50	56.000
Soluble Tin	Sn	<4,9	<4,9	<4,9	<4,9	180.000
Soluble Organic Tin	--	<12	<12	<12	<12	12
Soluble Zinc	Zn	<50	<50	<50	<50	46.000
Conclusion		PASS	PASS	PASS	PASS	

- Note:
- NC = Not conducted
 - INCONCLUSIVE = Confirmation test is recommended.
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		mg/kg				Permissible Limit (mg/kg)
		013	014	015	016	
Weight of the sample	g	0,25	0,25	0,25	0,25	
Soluble Aluminium	Al	<50	<50	<50	<50	70.000
Soluble Antimony	Sb	<10	<10	<10	<10	560
Soluble Arsenic	As	<10	<10	<10	<10	47
Soluble Barium	Ba	<50	<50	<50	<50	18.750
Soluble Boron	B	<50	<50	<50	<50	15.000
Soluble Cadmium	Cd	<5,0	<5,0	<5,0	<5,0	17
Soluble Chromium	Cr	<0,15	0,48	0,20	0,33	--
Soluble Chromium (III)	Cr(III)	<1	<1	<1	<1	460
Soluble Chromium (VI)	Cr(VI)	<0,18	<0,18	<0,18	<0,18	0,2
Soluble Cobalt	Co	<10	<10	<10	<10	130
Soluble Copper	Cu	<50	<50	<50	<50	7.700
Soluble Lead	Pb	<10	<10	<10	<10	160
Soluble Manganese	Mn	<50	<50	<50	<50	15.000
Soluble Mercury	Hg	<10	<10	<10	<10	94
Soluble Nickel	Ni	<10	18	19	<10	930
Soluble Selenium	Se	<10	<10	<10	<10	460
Soluble Strontium	Sr	<50	<50	<50	<50	56.000
Soluble Tin	Sn	<4,9	<4,9	<4,9	<4,9	180.000
Soluble Organic Tin	--	<12	<12	<12	<12	12
Soluble Zinc	Zn	<50	<50	<50	<50	46.000
Conclusion		PASS	PASS	PASS	PASS	

- Note:
- NC = Not conducted
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 - 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.

		mg/kg	Permissible Limit (mg/kg)
		017	
Weight of the sample	g	0,25	
Soluble Aluminium	Al	<50	70.000
Soluble Antimony	Sb	<10	560

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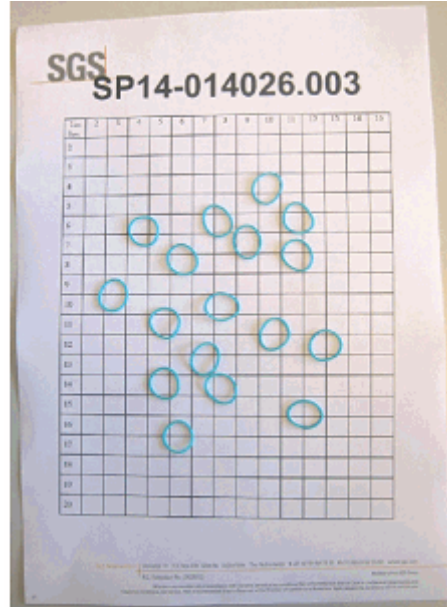
		mg/kg	Permissible
		017	Limit (mg/kg)
Soluble Arsenic	As	<10	47
Soluble Barium	Ba	<50	18.750
Soluble Boron	B	<50	15.000
Soluble Cadmium	Cd	<5,0	17
Soluble Chromium	Cr	0,22	--
Soluble Chromium (III)	Cr(III)	<1	460
Soluble Chromium (VI)	Cr(VI)	<0,18	0,2
Soluble Cobalt	Co	<10	130
Soluble Copper	Cu	<50	7.700
Soluble Lead	Pb	<10	160
Soluble Manganese	Mn	<50	15.000
Soluble Mercury	Hg	<10	94
Soluble Nickel	Ni	12	930
Soluble Selenium	Se	<10	460
Soluble Strontium	Sr	<50	56.000
Soluble Tin	Sn	<4,9	180.000
Soluble Organic Tin	--	<12	12
Soluble Zinc	Zn	<50	46.000
Conclusion		PASS	

- Note:
- NC = Not conducted
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 - 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: 001
Description: Band-it



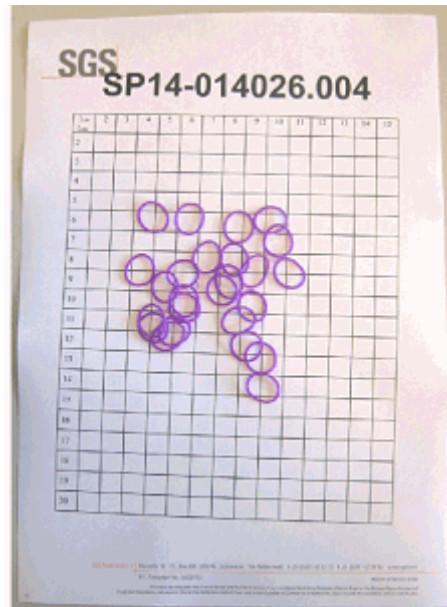
Sample: 003
Description: Elastic band - Turquoise



Sample: 002
Description: Elastic band - Red



Sample: 004
Description: Elastic band - Purple



Sample: 005
Description: Elastic band - Blue



Sample: 007
Description: Elastic band - White



Sample: 006
Description: Elastic band - Orange



Sample: 008
Description: Elastic band - Yellow



Sample: 009
Description: Elastic band - Pink



Sample: 011
Description: Elastic band - Green



Sample: 010
Description: Elastic band - Black



Sample: 012
Description: Elastic band - Light blue



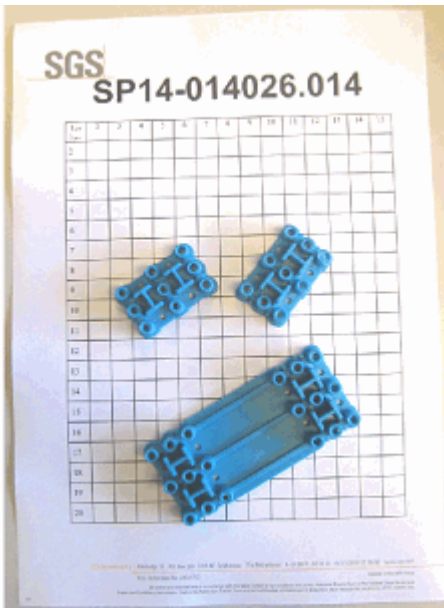
Sample: 013
Description: Transparant pin board



Sample: 015
Description: Hook



Sample: 014
Description: Turquoise base



Sample: 016
Description: S-clips



Sample: 017
Description: Hook cover



Spijkenisse, 10 July 2014
SGS Consumer Testing Services

E.A.M. van Meurs [EVM]
Laboratory Manager

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