



Test Report

No.: NBTY201500493

Date: MAR 12, 2015

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QINGDAO EASY-FIX INTERNATIONAL TRADING CO.,LTD
EAST OF RAILWANG, ANSHUN NORTH ROAD, WANGJIANVU VILLAGE, LIUTING, CHENG YANG
DISTRICT, QINGDAO, CHINA

The following samples were submitted and identified by/on behalf of the client as:

Sample Description : BALL SWING

Sample Quantity : 2 SETS
Buyer : NSH
Supplier : NINGBO SHUANGLIN INDUSTRIAL PRODUCTS
MANUFACTURING CO., LTD
Manufacturer : NINGBO SHUANGLIN INDUSTRIAL PRODUCTS
MANUFACTURING CO., LTD
Country of Origin : CHINA
Country of Destination : DENMARK
Labeled Age Grading : NOT SUITABLE FOR CHILDREN UNDER 3 YEARS
Requested Age Grading : 3+
Age Group Applied in Testing : 3+ YEARS
Age Group Assessed As Per Age : 3+ YEARS
Guideline
Sample Receiving Date : FEB 09, 2015
1ST Further Information Date : FEB 13, 2015
2ND Further Information Date : MAR 12, 2015
Testing Period : FEB 09, 2015 TO MAR 12, 2015

Test Requested

EN 71-1:2014 – Safety of toys – Part 1: Mechanical and Physical Properties
Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer
mark (name, address), product identification) according to the Directive 2009/48/EC-
Safety of toys

Result

Pass

See Result

EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability

Pass

EN 71 Part 3:2013+A1:2014 under European Directive 2009/48/EC-Migration of
certain elements(As per client's request, only test the specific material selected by
client)

Pass

EN 71-8:2011 - Safety of Toys –Activity toys for domestic use.

Pass

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Vicky Tang
Operation Manager

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Results:

EN 71-1:2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1: 2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

Clause	Description	Result
4	General requirements	
4.1	Material cleanliness	Pass
4.2	Assembly	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.15	Toys intended to bear the mass of a child:	
	4.15.1 Toys propelled by the child or by other means	Pass
4.18	Aquatic toys and inflatable toys	Pass

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
Importer's Name & Address	Present	Packaging
Manufacturer's Name & Address	Absent	/
Product ID	Present	Packaging

Note:

1. CE marking should be visible from outside the packaging and its height must be at least 5mm.
2. 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.
3. 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 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements	Pass

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EN71-3:2013+A1:2014 under European Directive 2009/48/EC– Migration of Certain Elements for specified material of the submitted samples (for scrapped-off toy material)

Test Method : With reference to EN71-3:2013+A1:2014. Analysis was performed by ICP-OES.
Soluble Organic Tin was analyzed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	10	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	1	ND	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	004	006	007
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	10	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	1	ND	ND	ND
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Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	11.4	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-		ND	ND
^Methyl tin (MeT)	-	mg/kg	0.5	5.9		
^Di-n-propyl tin (DProT)	-	mg/kg	0.5	ND		
^Dibutyl tin (DBT)	-	mg/kg	0.5	ND		

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^Tributyl tin (TBT)	-	mg/kg	0.5	ND
^n-Octyl tin (MOT)	-	mg/kg	0.5	ND
^Tetrabutyl tin (TeBT)	-	mg/kg	0.5	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.5	ND
^Di-n-octyl tin (DOT)	-	mg/kg	0.5	ND
^Triphenyl tin (TPhT)	-	mg/kg	0.5	ND
Sum of Soluble Organic Tin	12	mg/kg	-	5.9

Notes :

- (1) 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+A1:2014
- (2) ^ means the Organic Tin specified in EN71-3:2013+A1:2014 and it is analyzed by GC-MS

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	NGB15-005137.001	Black plastic screw plug
SN2	NGB15-005137.002	White plastic cord
SN3	NGB15-005137.003	Black plastic(Fixed button)
SN4	NGB15-005137.004	Transparent soft plastic(Hole)
SN5	NGB15-005137.006	Black soft plastic
SN6	NGB15-005137.007	Blue soft plastic

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EN 71-8:2011

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 8: 2011 ACTIVITY TOYS FOR DOMESTIC USE.

Clauses Relevant to Sample.

Clause	Description	Result
4	Requirements	
4.1	General	
4.1.3	Maximum height	Pass (See Remark1)
4.1.4	Corners and edges.....	Pass
4.1.6	Diameter of ropes and other means of suspension.....	Pass
4.3	Entrapment	
4.3.1	Head and neck entrapment.....	Pass
4.3.4	Entrapment of fingers.....	Pass
4.6	Swings	
4.6.1	Stability of swings and other activity toys with crossbeams	
4.6.1.1	General	Pass (See Remark1)

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4.6.2	Static strength of crossbeams, swing devices and suspension connectors.....	Pass (See Remark2)
4.6.6	Minimum clearance between swing elements and the ground...	Pass
4.6.7	Suspension connectors and swing devices.....	Pass
4.6.8	Impact, geometry and design of swing elements	
4.6.8.2	Impact from swing elements.....	Pass
4.6.8.3	Geometry and design of swings elements.....	Pass
5	Warnings, markings, and instructions	
5.1	Warnings and markings	
5.1.1	General.....	Pass
5.2	Assembly and installation instructions.....	Pass
5.3	Maintenance.....	Pass

Remark 1: The submitted sample only included swing device, no crossbeam.

Remark 2: Tested swing device only.

Remark: Clause 4.6.8.2 was subcontracted to TIANJIN lab.

N.B. : - Only applicable clauses were shown.

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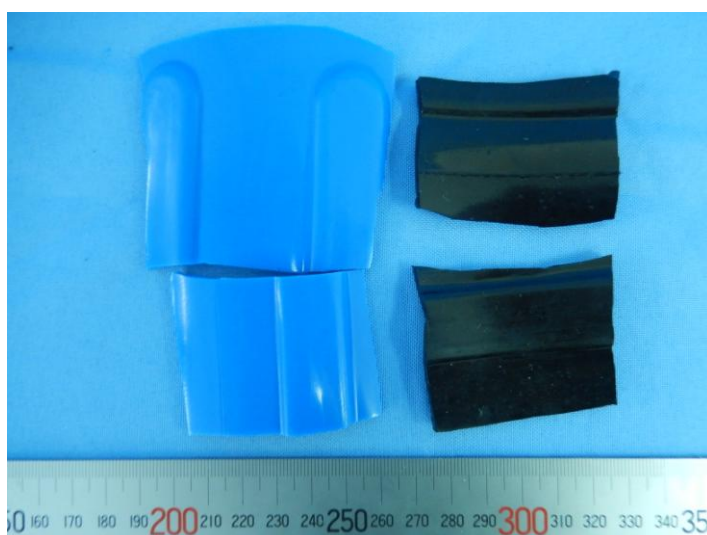
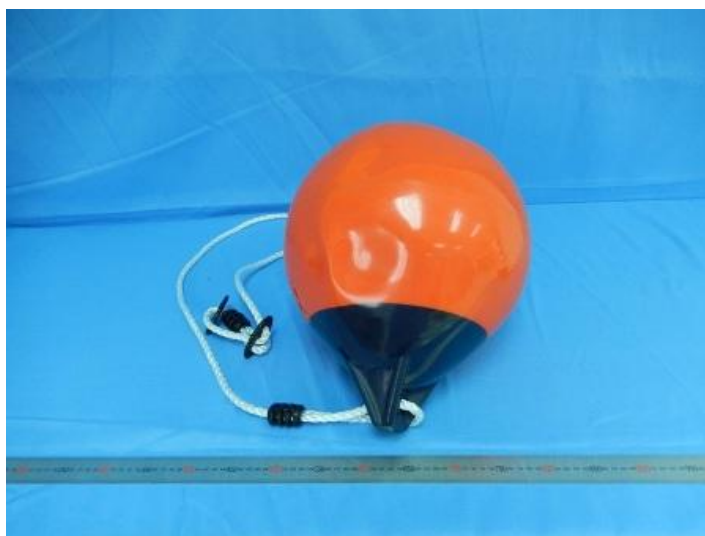
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Sample Photo:



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