

21340



TEST REPORT

Report No : THSH1402073508 Date: February 12, 2014

Applicant : Shanghai Sowin International Co.,Ltd.
RM 23B, Yueda Building A Block, No.1118, Changshou Road, Shanghai 200042

Country of Destination : UK

Sample Description : Didicar

Model No. : SW001

Detail of Sample Received : Plastic swing vehicle

Labeled Age Grading : 3+

Age Group Applied in Testing : 3+

Date Received : February 07, 2014

Test Period : February 07, 2014 to February 12, 2014

Test Requested : European Directive 2009/48/EC

Test Method : As stated in above specifications. Heavy metal analysis was determined by Inductively Coupled Plasma Spectrometry (ICP-AES).

Test Result : Please refer to next page(s)

Conclusion : Test Item Result

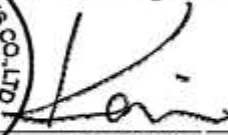
I	EN71 : Part 1 : 2011+A3:2014	Passed
II	EN71 : Part 2 : 2011+A1:2014	Passed
III	EN71 : Part 3 : 2013	Passed

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



Issued on behalf of
Shanghai Global Testing Services Co., Ltd.

Authorized Signature


Shi Lei/Kevin
General Manger -GTS/SHO

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I. EN71 : Part 1 : 2011+A3:2014

<u>Clause</u>	<u>Title/Description</u>	<u>Result*</u>
4	General requirements	
4.1	Material	C
4.2	Assembly	C
4.3	Flexible Plastic Sheeting	C
4.7	Edges	C
4.8	Points and Metallic Wires	C
4.15	Toys intended to bear the mass of a child	
4.15.1	Toys propelled by the child or by other means	C
7	Warnings, markings and Instructions for Use	
7.1	General Requirements	Refer to 7.2
7.2	Toys not intended for children under 36 months	See Remark

Remark: The Toy Safety Directive 2009/48/EC contains marking and labelling requirements with respect to CE marking, manufacturer's/importer's details and identification of the toy. These are not part of the EN 71 requirements but are legally required. These details should be affixed to the toy; however the details may exceptionally be moved from the toy to the packaging if this rule cannot be followed. As per client's request, except clause 7

II. EN71 : Part 2 : 2011+A1:2014

<u>Clause</u>	<u>Title/Description</u>	<u>Result*</u>
4.1	General	C

Note : No cellulose nitrate and material with same behaviour in fire was detected

* Abbreviation : C = Complied



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III. EN71 : Part 3 : 2013

Category III: Scrapped-off toy material

Test Item(s)			Result(s)				MDL	Permissible Limit
Specimen No.			001	002	003	004	--	--
Soluble Aluminium	(Al)	(mg/kg)	ND	ND	ND	ND	50	70,000
Soluble Antimony	(Sb)	(mg/kg)	ND	ND	ND	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	ND	ND	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	ND	ND	ND	50	56,000
Soluble Boron	(B)	(mg/kg)	ND	ND	ND	ND	50	15,000
Soluble Cadmium	(Cd)	(mg/kg)	ND	ND	ND	ND	10	17
Soluble Chromium (III)	(Cr (III))	(mg/kg)	ND	ND	ND	ND	5	460
Soluble Chromium (VI)	(Cr (VI))	(mg/kg)	ND	ND	ND	ND	0.2	0.2
Soluble Cobalt	(Co)	(mg/kg)	ND	ND	ND	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	ND	ND	ND	50	7,700
Soluble Lead	(Pb)	(mg/kg)	ND	ND	ND	ND	10	160
Soluble Manganese	(Mn)	(mg/kg)	ND	ND	ND	ND	50	15,000
Soluble Mercury	(Hg)	(mg/kg)	ND	ND	ND	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	ND	ND	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	ND	ND	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	ND	ND	ND	50	56,000
Soluble Tin	(Sn)	(mg/kg)	ND	ND	ND	ND	4.9	180,000
Soluble Organic Tin*	--	(mg/kg)	ND	ND	ND	ND	0.5	12
Soluble Zinc	(Zn)	(mg/kg)	ND	ND	ND	ND	50	46,000

Test Item(s)			Result(s)				MDL	Permissible Limit
Specimen No.			005	006	007	008	--	--
Soluble Aluminium	(Al)	(mg/kg)	ND	ND	ND	ND	50	70,000
Soluble Antimony	(Sb)	(mg/kg)	ND	ND	ND	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	ND	ND	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	ND	ND	ND	50	56,000
Soluble Boron	(B)	(mg/kg)	ND	ND	ND	ND	50	15,000
Soluble Cadmium	(Cd)	(mg/kg)	ND	ND	ND	ND	10	17
Soluble Chromium (III)	(Cr (III))	(mg/kg)	ND	ND	ND	ND	5	460
Soluble Chromium (VI)	(Cr (VI))	(mg/kg)	ND	ND	ND	ND	0.2	0.2
Soluble Cobalt	(Co)	(mg/kg)	ND	ND	ND	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	ND	ND	ND	50	7,700
Soluble Lead	(Pb)	(mg/kg)	ND	ND	ND	ND	10	160
Soluble Manganese	(Mn)	(mg/kg)	ND	ND	ND	ND	50	15,000
Soluble Mercury	(Hg)	(mg/kg)	ND	ND	ND	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	ND	ND	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	ND	ND	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	ND	ND	ND	50	56,000
Soluble Tin	(Sn)	(mg/kg)	ND	ND	ND	ND	4.9	180,000
Soluble Organic Tin*	--	(mg/kg)	ND	ND	ND	ND	0.5	12
Soluble Zinc	(Zn)	(mg/kg)	ND	ND	ND	ND	50	46,000

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Shanghai Global Testing Services Co., Ltd.

Room 1501-1502, No. 520 Yishan Rd., Xuhui District, Shanghai, 200235 China

Tel: (86-21) 3363 7866 Fax: (86-21) 3363 7858 E-mail: info@gts-lab.com Web Site: <http://www.gts-lab.com>



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Test Item(s)	Result(s)				MDL	Permissible Limit
	009	010	011	012		
Specimen No.					--	--
Soluble Aluminium (Al) (mg/kg)	ND	ND	ND	ND	50	70,000
Soluble Antimony (Sb) (mg/kg)	ND	ND	ND	ND	10	560
Soluble Arsenic (As) (mg/kg)	ND	ND	ND	ND	10	47
Soluble Barium (Ba) (mg/kg)	ND	ND	ND	ND	50	56,000
Soluble Boron (B) (mg/kg)	ND	ND	ND	ND	50	15,000
Soluble Cadmium (Cd) (mg/kg)	ND	ND	ND	ND	10	17
Soluble Chromium (III) (Cr (III)) (mg/kg)	ND	ND	ND	ND	5	460
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND	ND	ND	ND	0.2	0.2
Soluble Cobalt (Co) (mg/kg)	ND	ND	ND	ND	10	130
Soluble Copper (Cu) (mg/kg)	ND	ND	ND	ND	50	7,700
Soluble Lead (Pb) (mg/kg)	ND	ND	ND	ND	10	160
Soluble Manganese (Mn) (mg/kg)	ND	ND	ND	ND	50	15,000
Soluble Mercury (Hg) (mg/kg)	ND	ND	ND	ND	10	94
Soluble Nickel (Ni) (mg/kg)	ND	ND	ND	ND	10	930
Soluble Selenium (Se) (mg/kg)	ND	ND	ND	ND	10	460
Soluble Strontium (Sr) (mg/kg)	ND	ND	ND	ND	50	56,000
Soluble Tin (Sn) (mg/kg)	ND	ND	ND	ND	4.9	180,000
Soluble Organic Tin* (mg/kg)	ND	ND	ND	ND	0.5	12
Soluble Zinc (Zn) (mg/kg)	ND	ND	ND	ND	50	46,000

Sample	Description
001	Red plastic body
002	Blue plastic body
003	Purple plastic body
004	Black plastic seat
005	Silvery metal gasket
006	Red plastic button
007	Black plastic steering wheel
008	Black plastic pedal
009	Sticker
010	White plastic
011	Metal screw
012	Black plastic wheel

Note:

- mg/kg = milligram per kilogram
- mg = milligram
- ND = Not Detected (lower than MDL)
- 1% = 10000 mg/kg = 10000 ppm
- The Client's Limit is quoted from EU Directive 2009/48/EC and 2012/7/EU (for Cadmium)
- * = Methyl tin, Di-n-propyl tin, Dibutyl tin, Tributyl tin, n-Octyl tin, Tetrabutyl tin, Diphenyl tin, Di-n-octyl tin and Triphenyl tin. According to the best of our knowledge, the result calculation of eachorganic tin is modified from pr EN71-3:2012, and is relative to the molecular weight of Tributyltin(TBT).

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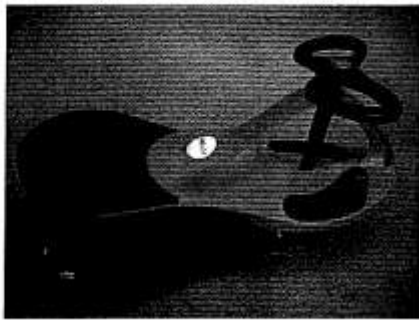
Date: February 12, 2014

-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
Warning	Absent	/
Washing/Cleaning instruction	Absent	/
CE mark Present Toy	Absent	/
Importer's Name & Address	Absent	/
Manufacturer's Name & Address	Absent	/
Product ID	Absent	/

Sample photo



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

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