

TEST REPORT

Report No : HY/2020/60076A

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Date : 2020/07/24

TAIWAN SPORTS & TRADING LTD.

18 F, NO. 456, SEC. 4, HSINYI ROAD, TAIPEI 11052, TAIWAN, R.O.C.

The following merchandise was submitted & identified by the applicant as:

Product Description: 20CM PU FOAM VOLLEYBALL (WHITE/YELLOW/RED),
20CM PU FOAM BASKETBALL: (ORANGE & RAINBOW) &
20CM PU FOAM SOCCERBALL: (WHITE/BLACK,
YELLOW/BLACK & ORANGE/BLACK)

Packaging/Type: Yes / Plastic bag

Instructions for use/assembly: Not provided

Style/Item No: See page 6 for details

Manufacturer/Vendor: TAIWAN SPORTS & TRADING LTD.

Country of Origin: CHINA

Other Information: Importer's Name and Address: Sport-Thieme GmbH, D-38367
Grasleben

Labeled Age Grading: Not suitable for children under 36 months

Requested Age Grading: 3 years up

Age Group Assessed As Per 3 years +

Age Guideline:

Age Group Applied in Testing: 3 years +

Sample receiving Date: 2020/06/17

Testing Period: 2020/06/18 – 06/24

We have tested the submitted sample(s) as requested and the following results were obtained:

<u>Test Requested</u>	<u>Result</u>
- EN 71 - 1:2014+A1:2018 – Mechanical and Physical Properties	Pass
Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys	See Result on page 2
- EN 71 - 2:2011+A1:2014 – Flammability	Pass
- Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725 - EN71-3: 2019 – Migration of certain elements (As per client's request, test the specific and composite material which selected by client)	Pass

Signed for and on behalf of
SGS Taiwan Ltd.

Iris Huang
Manager



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Test Results:

European Standard – Safety of Toys: EN 71 - 1:2014+A1:2018 – Mechanical and Physical Properties

Clause	Description	Result
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
4.17	Projectiles	<u>Pass</u>
4.22	Small balls	<u>Pass</u>
5	Toys intended for children under 36 months	
5.1	General requirements	<u>See Remark</u>
	(Remark: Foam fragment became detached as small part after test. It is acceptable because appropriate age warning was found on the packaging.)	
6	Packaging	<u>Pass</u>
7	Warnings, markings and instructions for use	
7.1	General	<u>Pass</u>
7.2	Toys not intended for children under 36months	<u>Pass</u>

LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1:2014+A1:2018 AND THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not applicable	---
CE mark	Present	Package
Importer's Name & Address	Present	Package
Manufacturer's Name & Address	Absent	---
Product ID	Present	Package

Note:

- 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. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soaked washable.
- CE marking should be visible from outside the packaging and its height must be at least 5mm.
- 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.
- 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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European Standard - Safety of Toys : EN 71 - 2:2011+A1:2014 – Flammability

Clause	Description	Result
4	Requirements	
4.1	General requirements	<u>Pass</u>

N.B.: -Only applicable clauses were shown

Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725 - EN71-3: 2019 – Migration of certain elements

Category III: Scrapped-off toy material

Method: With reference to EN 71 - 3:2019. Analysis of general elements was performed by ICP-OES.

Chromium (III) was obtained by calculation. Chromium (VI) was analyzed by LC-ICP-MS.

Organic Tin was analyzed by GC-MS.

Test Items		Result(mg/kg)			RL	Permissible Limit
		1	2	3~4	(mg/kg)	(mg/kg)
Soluble Aluminum	(Al)	N.D.	267	N.D.	50	70,000
Soluble Antimony	(Sb)	N.D.	N.D.	N.D.	10	560
Soluble Arsenic	(As)	N.D.	N.D.	N.D.	10	47
Soluble Barium	(Ba)	N.D.	N.D.	N.D.	50	18,750
Soluble Boron	(B)	N.D.	N.D.	N.D.	50	15,000
Soluble Cadmium	(Cd)	N.D.	N.D.	N.D.	5	17
Soluble Cobalt	(Co)	N.D.	N.D.	N.D.	10	130
Soluble Copper	(Cu)	N.D.	N.D.	N.D.	50	7,700
Soluble Lead	(Pb)	N.D.	N.D.	N.D.	10	23
Soluble Manganese	(Mn)	N.D.	N.D.	N.D.	50	15,000
Soluble Mercury	(Hg)	N.D.	N.D.	N.D.	10	94
Soluble Nickel	(Ni)	N.D.	N.D.	N.D.	10	930
Soluble Selenium	(Se)	N.D.	N.D.	N.D.	10	460
Soluble Strontium	(Sr)	N.D.	N.D.	N.D.	50	56,000
Soluble Tin	(Sn)	N.D.	N.D.	N.D.	4.9	180,000
Soluble Zinc	(Zn)	N.D.	N.D.	N.D.	50	46,000
Soluble Chromium	(Cr)	N.D.	N.D.	N.D.	5	-
Soluble Chromium (III)	(Cr (III))	N.D.	N.D.	N.D.	5	460
Soluble Chromium (VI)	(Cr (VI))	N.D.	N.D.	N.D.	0.02	0.053
Soluble Organic Tin [#]	-	N.D.	N.D.	N.D.	-	12

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Remark: #

Test Items		Soluble Organic Tin Result(s)			RL (mg/kg)
		1	2	3~4	
Methyl tin	(MeT)	N.D.	N.D.	N.D.	1.8
Dimethyl tin	(DMT)	N.D.	N.D.	N.D.	1.8
Di-n-propyl tin	(DProT)	N.D.	N.D.	N.D.	1.8
Butyl tin	(BuT)	N.D.	N.D.	N.D.	1.8
Dibutyl tin	(DBT)	N.D.	N.D.	N.D.	1.8
Tributyl tin	(TBT)	N.D.	N.D.	N.D.	1.8
n-Octyl tin	(MOT)	N.D.	N.D.	N.D.	1.8
Tetrabutyl tin	(TeBT)	N.D.	N.D.	N.D.	1.8
Di-n-octyl tin	(DOT)	N.D.	N.D.	N.D.	1.8
Diphenyl tin	(DPhT)	N.D.	N.D.	N.D.	1.8
Triphenyl tin	(TPhT)	N.D.	N.D.	N.D.	1.8

Description:

1. Composite of black coating with white, yellow, orange foam backing of sample. (footballs)
2. Composite of lt. blue, blue, black coating with lt. purple foam backing of sample.
3. Composite of green, yellow, orange coating with lt. purple foam backing of sample.
4. Composite of red, white, purple coating with lt. purple foam backing of sample.

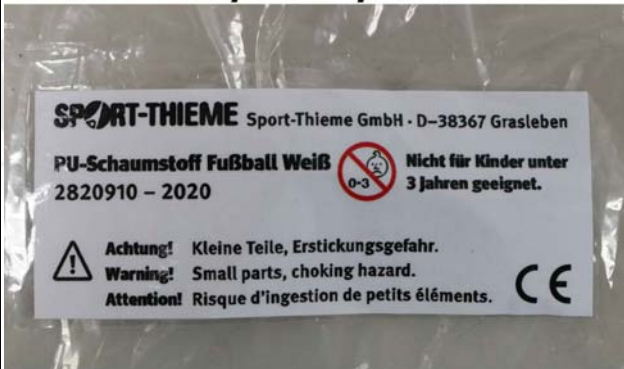
Note:

1. mg/kg = ppm
2. N.D. = Not Detected
3. RL = Reporting Limit
4. " - " = Not Regulated
5. Composite test has been performed as per the special request of client.
6. The content of this report is invalid if it is not presented as the entire report.
7. The statement of conformity is based on the test results, but does not include the measurement uncertainty.
8. The chemical test was conducted at SGS Taiwan Ltd. Chemical Laboratory-Taipei.

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Sample picture	
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As received	Opened view
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Package information	

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Package information

SGS authenticate the photo on original report only

Style/Item No:

2121808 , 2121811 , 2121824 (PUBKB8RB) , 2820910 , 2820923 (SFC) , 2820936 , 2822701 , 2822714 , 2820705 , 2800718 , 1071535 , 2820806 , 1071548 , 2821001 , 2821203 , 2820503 (BFC) , 2811505 (VFC) , 2824202 , 2819903 (FFC) , 2763008 (FFCB) , 2820301 , 2819916 , PUBKB4RB , PUB25RB , PUB275RB , PUB35RB , PUB475RB , PUB6RB

** End of Report **