

Test Report

No.: 70.452.24.10412.01

Date: 2024-01-29



Applicant: WINGMORE INDUSTRIES (SHANGHAI) CO., LTD.
Address: ROOM 2036, BUILDING 6, NO. 659, YIN XING ROAD, SHANGHAI
Product Name: Inflatable armbands
Order No.: 23NH1222
End Use: Inflatable armbands
Buyer: 27 MYBRANDS BV/ Your Wishes
Address: Marsssteden 212, 7547TD Enschede, The Netherlands
Manufacturer: WINGMORE INDUSTRIES (SHANGHAI) CO., LTD.
Country of Origin: China
Country of Destination: Netherlands
Receipt Date of Sample: 2024-01-23
Date of Testing: 2024-01-23 ~ 2024-01-29
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties excluding Clause 4.18	Pass
2. EN 71-2:2020 Flammability	Pass
3. EN 71-3:2019+A1:2021- Migration of certain elements	Pass
4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content	Pass
5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. ≤ Less than
4. 1 mg/kg = 1 ppm = 0.0001%

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

Prepared by:

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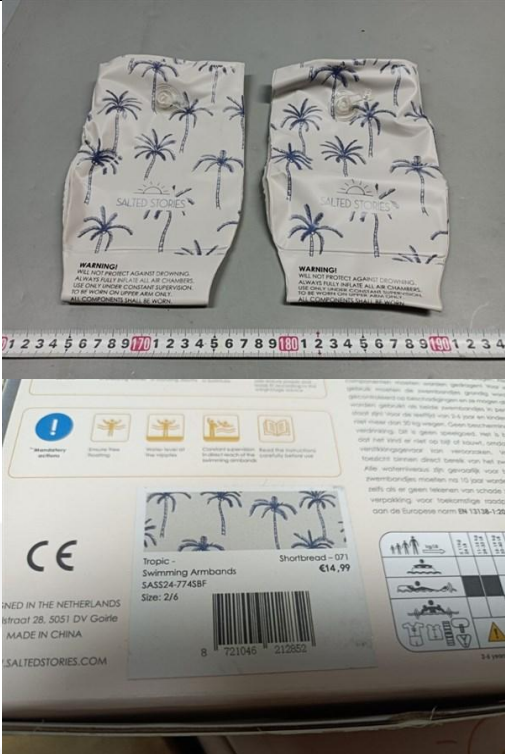
Note:

- (1) The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied.
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For further details, please see "Testing and certification regulation", chapter A-3.4
For full version, please visit: EN : <https://www.tuvsud.cn/zh-cn/resource/terms-and-conditions---en> ; SCN: <https://www.tuvsud.cn/zh-cn/terms-and-conditions> ; TCN: <https://www.tuvsud.com/zh-tw/terms-and-conditions>
- (2) The results relate only to the Items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) Disclaimer Measurement Uncertainty:
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

Description of Tested Subject:

Sample	Description	Photo
001	Inflatable armbands	
002	Inflatable armbands	

Sample	Description	Photo
		
003	Inflatable armbands	
004	Inflatable armbands	

Sample	Description	Photo
		

T. No	Sample	Description
T1	001	Inflatable armbands
T2	002	Inflatable armbands
T3	003	Inflatable armbands
T4	004	Inflatable armbands
T5	005	Light grey soft plastic with colorful printing
T6	006	Transparent soft plastic valve



Test Result(s):

1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties excluding Clause 4.18

Sample	001,002
Labelled age range	Not stated
Requested age range	0-2 years
Age range for testing as per client's request	From birth to 2 years

Clause	Requirement	Evaluation
4	General Requirements	--
4.1	Material cleanliness	P
4.3	Flexible plastic sheeting	P
4.7	Edges	P
4.8	Points and metallic wires	P
4.18	Aquatic toys and inflatable toys	NR#2
5	Toys intended for children under 36 months	--
5.1	General requirements	P
7	Warnings, markings and instructions for use	#1

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

The submitted sample was examined not a toy and was not subjected to the scope of EN 71. However, as requested by the applicant, the submitted sample was assessed under the requirement of EN 71, and the result met the requirement of the standard.

Remark:

#1= This product was tested as non-toy product, thus the warning and other labeling requirements specified in clause 7 did not apply.

#2= As requested by applicant, clause 4.18 was not assessed.



Sample	003,004
Labelled age range	Not stated
Requested age range	2-6 years
Age range for testing as per client's request	From 2 to 6 years

Clause	Requirement	Evaluation
4	General Requirements	--
4.1	Material cleanliness	P
4.3	Flexible plastic sheeting	P
4.7	Edges	P
4.8	Points and metallic wires	P
4.18	Aquatic toys and inflatable toys	NR#2
5	Toys intended for children under 36 months	--
5.1	General requirements	P
7	Warnings, markings and instructions for use	#1

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

The submitted sample was examined not a toy and was not subjected to the scope of EN 71. However, as requested by the applicant, the submitted sample was assessed under the requirement of EN 71, and the result met the requirement of the standard.

Remark:

#1= This product was tested as non-toy product, thus the warning and other labeling requirements specified in clause 7 did not apply.

#2= As requested by applicant, clause 4.18 was not assessed.

2. EN 71-2:2020 Flammability

Sample	001,002
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Clause	Requirement	Evaluation
4.1	General Requirement	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

The submitted sample was examined not a toy and was not subjected to the scope of EN 71. However, as requested by the applicant, the submitted sample was assessed under the requirement of EN 71, and the result met the requirement of the standard.

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Sample		003,004
Clause	Requirement	Evaluation
4.1	General Requirement	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

The submitted sample was examined not a toy and was not subjected to the scope of EN 71. However, as requested by the applicant, the submitted sample was assessed under the requirement of EN 71, and the result met the requirement of the standard.

3. EN 71-3:2019+A1:2021- Migration of certain elements

Test with reference to EN71-3:2019+A1:2021, determination by ICP-OES/ICP-MS.

Parameter	MDL [mg/kg]	Limit in scraped-off toy [mg/kg]	Result(s) [mg/kg]	
			005	006
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	6.50	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass



4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005	006
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content

Test with reference to EN 1122:2001 Method B, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005	mg/kg	10.0	100	ND	Pass
006	mg/kg	10.0	100	ND	Pass

-End of Test Report-