



Test Report

No.: QDHL2309013863TY

Date: Oct 08, 2023

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LINYI CITY LANSHAN DISTRICT GUANQILAI PLASTIC PRODUCTS FACTORY
850 METERS SOUTHEAST OF FORMER GENGJIABU VILLAGE, YITANG TOWN, LINYI, SHANDONG, CHINA

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

Sample Quantity	: 1 STYLE x 2 PCS
SGS Ref. No.	: TAOTY2306999401
Style/Item No.	: N/A
P.O. No.	: N/A
Buyer	: N/A
Manufacturer	: N/A
Supplier	: N/A
Country of Origin	: N/A
Country of Destination	: N/A
Labeled Age Grading	: NOT STATED
Requested Age Grading	: 0+
Age Group Assessed As Per Age Guideline	: /
Age Group Applied in Testing	: ALL AGES
Sample Receiving Date	: Sep 22, 2023
Testing Period	: Sep 22, 2023 TO Oct 08, 2023



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Test Requested

Result

Although this is not a toy, the European standard on Safety of toys was applied as per client's request. There may be additional hazards and labeling requirements that are not covered by this standard :-

EN 71-1:2014+A1:2018– Safety of toys – Part 1: Mechanical and Physical Properties Pass

EN 71-2:2020 – Safety of toys – Part 2: Flammability Pass

EN 71-3:2019+A1:2021– Safety of toys – Part 3: Migration of certain elements Pass

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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

SGS-CSTC Standards
Technical Services (Qingdao)
Co., Ltd.




Zhou Xinkuan, SK
Lab Manager



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Results :

European Standard on Safety of Toys

EN 71-1:2014+A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1:2014+A1:2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

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>
5	Toys intended for children under 36 months	
5.1	General requirements:	
5.1a	Small part requirement on toys & removable Components (Test method 8.2).....	<u>Pass</u>
5.1b	Torque test (Test method 8.3).....	<u>Pass</u>
	Tension test (Test method 8.4).....	<u>Pass</u>
	Drop test (Test method 8.5).....	<u>Pass</u>
	Impact test (Test method 8.7).....	<u>Pass</u>
	Sharp edge (Test method 8.11).....	<u>Pass</u>
	Sharp point (Test method 8.12).....	<u>Pass</u>

EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements.....	<u>Pass</u>



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EN 71-3: 2019+A1:2021– SAFETY OF TOYS – PART 3: MIGRATION OF CERTAIN ELEMENTS

Category III: Scrapped-off toy material

Test Method : With reference to EN 71-3:2019+A1:2021, analysis was performed by ICP-OES, IC-UV.
Soluble Organic Tin was analyzed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001	002
Soluble Chromium (VI) (Cr VI)	0.053	mg/kg	0.025	ND	ND
Soluble Lead (Pb)	23	mg/kg	5	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	106	109
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND
Soluble Aluminum (Al)	28130	mg/kg	50	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND
Soluble Tin (Sn)	180000	mg/kg	3	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND
Conclusion				PASS	PASS

Notes :

- (1) According to the Commission Implementing Decision (EU) 2021/1992 of November 15, 2021, published in the OJEU. The EN 71-3:2019+A1:2021 is adopted as the harmonized standard for toys drafted in support of Directive 2009/48/EC.
- (2) According to Chapter of 10.1.2 of EN 71-3:2019+A1:2021, Chromium (III) is calculated by the following formula:
Soluble Chromium (III) = Soluble Total Chromium – Soluble Chromium (VI)
- (3) *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 EN 71-3:2019+A1:2021.



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Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	TAO23-069994.001	Blue foam
SN2	TAO23-069994.002	Yellow foam

Remarks :

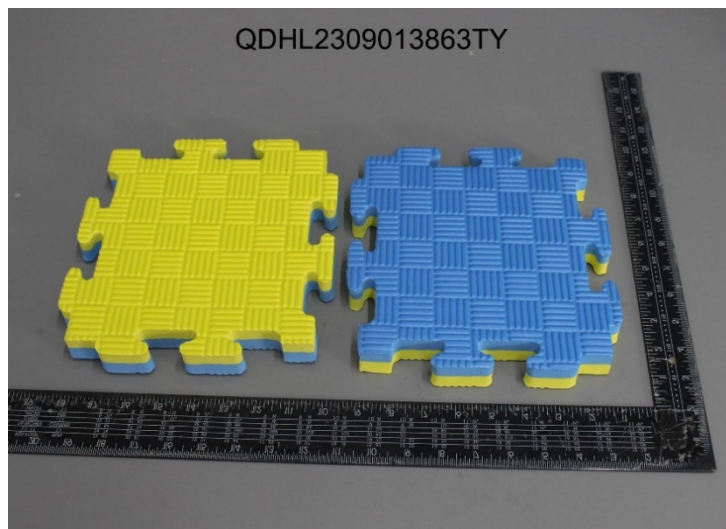
- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

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

Remark:

- The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.
- Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w =0) stated in ILAC-G8:09/2019.

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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