Test Report

No.: T51610171283TY **Date: DEC 20, 2024**

WENZHOU ZIGPAC INDUSTRY LIMITED
No. 148-152, Building C, Jiangbin Commercial and Residential Building, Longgang City
Wenzhou 325802, Zhejiang, China

The results of this report are extracted from the test report number T51510272547TY where the sample(s) /material(s) of sample is(are) claimed to be identical.

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

TPE Stickers

Item No.	:	ZPW001003
Supplier	:	ZIGPAC
Manufacturer	:	ZIGPAC
Country of Origin	:	WENZHOU, CHINA
Labeled Age Grading	:	NOTE STATED
Requested Age Grading	:	3 AND OVER
Sample Receiving Date	:	DEC 15, 2024
Further Information Date	:	DEC 20, 2024
Testing Period	:	DEC 20, 2024 TO DEC 19, 2028

Issued by: _____

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Test Requested	Conclusion
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 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS
EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability	PASS
EN 71-3:2013 + A1:2014 – Safety of toys – Part 3 – Migration of certain elements (All conclusive testing)	PASS

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

Signed for and on behalf of
SGS-CSTC Standard Technical Services Co., Ltd.
Shenzhen Branch-Toy laboratory

Lin Shuzhen, Dora
Director

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Results:

EUROPEAN STANDARD ON SAFETY OF TOYS

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
4.3	Flexible plastics sheeting	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass

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

Type of gas: Butane gas used in the test burner

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EN 71-3:2013 + A1:2014 – Safety of toys – Part 3 – Migration of Certain Elements

Category III: Scrapped-off toy material

Method: With reference to EN71-3:2013 + A1:2014. Analysis of general elements was performed by ICP-OES. Chromium (III) was obtained by calculation, chromium (VI) was analyzed by IC-UV/VIS and organic tin was analyzed by GC-MS.

Test Item(s)			Result(s)	MDL	Permissible Limit
Specimen No.			1	--	--
Mass of trace amount		(mg)	--	--	--
Soluble Aluminium	(Al)	(mg/kg)	ND	50	70,000
Soluble Antimony	(Sb)	(mg/kg)	ND	10	560
Soluble Arsenic	(As)	(mg/kg)	ND	10	47
Soluble Barium	(Ba)	(mg/kg)	ND	50	18,750
Soluble Boron	(B)	(mg/kg)	ND	50	15,000
Soluble Cadmium	(Cd)	(mg/kg)	ND	5	17
Soluble Chromium	(Cr)	(mg/kg)	ND	0.15	--
Soluble Chromium# (III)	(Cr (III))	(mg/kg)	ND	1	460
Soluble Chromium# (VI)	(Cr (VI))	(mg/kg)	ND	0.12	0.2
Soluble Cobalt	(Co)	(mg/kg)	ND	10	130
Soluble Copper	(Cu)	(mg/kg)	ND	50	7,700
Soluble Lead	(Pb)	(mg/kg)	ND	10	160
Soluble Manganese	(Mn)	(mg/kg)	ND	50	15,000
Soluble Mercury	(Hg)	(mg/kg)	ND	10	94
Soluble Nickel	(Ni)	(mg/kg)	ND	10	930
Soluble Selenium	(Se)	(mg/kg)	ND	10	460
Soluble Strontium	(Sr)	(mg/kg)	ND	50	56,000
Soluble Tin	(Sn)	(mg/kg)	ND	3.3	180,000
Soluble Organic Tin^	--	(mg/kg)	ND	--	12
Soluble Zinc	(Zn)	(mg/kg)	ND	50	46,000

Specimen Description:

1. Black plastic label

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Note:
- mg/kg = milligram per kilogram
- mg = milligram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- 1% = 10000 mg/kg = 10000 ppm
- # 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.
- ^ 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 EN71-3: 2013 + A1:2014.

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

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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