



Test Report

Report No.: SJS2309012SG-EN71-R1

Date: Sep.05, 2023

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Applicant: Hëndig
Contact information: Eerste Jan Steenstraat 51C, Amsterdam, Netherlands, Amsterdam, North Holland, Netherlands, 1072NB
Manufacturer: Guangxi Gaixie Electronics Co., Ltd
Contact information: pingwu Road, Xinjian Village, Sijie Town, Pingnan , Guigang City, Guangxi , China 537324

The following sample(s) was (were) submitted and identified by client as:

Sample Description : safety socket cover
Trademark : N/A
Model No. : N/A
Packaging Provided : NO
Labeled Age Grading : 3+
Requested Age Grading : 3+
Age Group Applied in Testing : 3+
Sample Received Date : Sep.01, 2023
Testing Period : Sep.01, 2023 to Sep.05, 2023
Test Request : Please refer to next page(s).
Test Result(s) : Please refer to next page(s).

Signed for and on behalf of ShenZhen SJS Testing Technology Services Co., Ltd

Prepared by

Sammy Lin
Engineer

Checked by

Emily Wang
Supervisor

Approved by



Collin Zhou
Manager



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Summary of test results:

TEST REQUEST

CONCLUSION

- | | | |
|-----|---|-------------|
| (1) | EN 71-1:2014+A1: 2018 European Standard for Safety of Toys
Mechanical and Physical Properties | PASS |
| (2) | EN 71-2:2020 European Standard for Safety of Toys
Flammability | PASS |
| (3) | EN71-3:2019+ A1:2021 European Standard for Safety of Toys
Migration of Certain Elements (Scraped-off toy material) | PASS |



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Test Material List

Material No.	Description
1	Black plastic
2	Gray plastic
3	White plastic
4	Red Plastic
5	Transparent plastic
6	Gray Viscose
7	White Viscose

Test Result(s):

(1) Mechanical and Physical Properties – EN71-3:2019+ A1:2021

Section	Description	Assessment
4.1	Materials cleanliness	Pass
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
7	Warning and Instructions for Use	Pass
7.1	General	Pass
7.2	Warning not intended for Children under 36 months	Pass

Remark: Only applicable Sections were shown.

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 EN71-1:2014+A1:2018 and the Directive 2009/48/EC-Safety of toys

Summary table:

	On product	On packaging
CE mark	Absent	Present
Manufacture's Name & Address	Absent	Present
Importer's Name & Address	Absent	Present
Product ID	Absent	Present



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CE mark, importer / manufacturer mark (name, address), product identification	Present
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(2) Flammability – EN 71-2:2020

Section	Test Item	Assessment
4.1	General requirements	Pass

Remark: Only applicable Sections were shown.

(3) Migration of Certain Elements

Test Method: With reference to EN71-3:2019+ A1:2021, analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES), Inductively Coupled Plasma Mass Spectrometer (ICP-MS), Gas Chromatograph-Mass Spectrometry (GC-MS) and Ion Chromatograph.

Substance	MDL (mg/kg)	Test Result (mg/kg)
Aluminium (Al)	5.0	N.D.
Antimony (Sb)	5.0	N.D.
Arsenic (As)	0.5	N.D.
Barium (Ba)	5.0	N.D.
Boron (B)	5.0	N.D.
Cadmium (Cd)	0.2	N.D.
Chromium(III) (Cr3+)	2.0	N.D.
Chromium(VI) (Cr6+)	0.02	N.D.
Cobalt (Co)	1.0	N.D.
Copper (Cu)	5.0	N.D.
Lead (Pb)	2.0	N.D.
Manganese (Mn)	5.0	N.D.
Mercury (Hg)	1.0	N.D.
Nickel (Ni)	5.0	N.D.



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Selenium (Se)	5.0	N.D.
Strontium (Sr)	5.0	N.D.
Tin (Sn)	5.0	N.D.
Organic tin☆	0.1	N.D.
Zinc (Zn)	5.0	N.D.
Conclusion		PASS

The table of Migration Elements limit:

Substance	Limit (mg/kg)		
	Dry, brittle, powder-like or pliable materials	Liquid or sticky materials	Scraped-off materials
Aluminium (Al)	2250	560	28130
Antimony (Sb)	45	11.3	560
Arsenic (As)	3.8	0.9	47
Barium (Ba)	1500	375	18750
Boron (B)	1200	300	15000
Cadmium (Cd)	1.3	0.3	17
Chromium(III) (Cr ³⁺)	37.5	9.4	460
Chromium(VI) (Cr ⁶⁺)	0.02	0.005	0.053
Cobalt (Co)	10.5	2.6	130
Copper (Cu)	622.5	156	7700
Lead (Pb)	2.0	0.5	23
Manganese (Mn)	1200	300	15000
Mercury (Hg)	7.5	1.9	94
Nickel (Ni)	75	18.8	930
Selenium (Se)	37.5	9.4	460
Strontium (Sr)	4500	1125	56000
Tin (Sn)	15000	3750	180000
Organic tin ☆	0.9	0.2	12
Zinc (Zn)	3750	938	46000
Conclusion			PASS



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Note:

1.

mg/kg = part per million (ppm).

2.

N.D. = Not Detected (< RL).

3.

MDL = method detection limit.

4.

Calculated concentration of Chromium(III) (Cr_{3+}) and Chromium(VI) (Cr_{6+}) are based on total Chromium.

5.

"☆" = Organic tin include Methyl tin, Butyltin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin. The migration of organic tin is expressed as tributyltin.



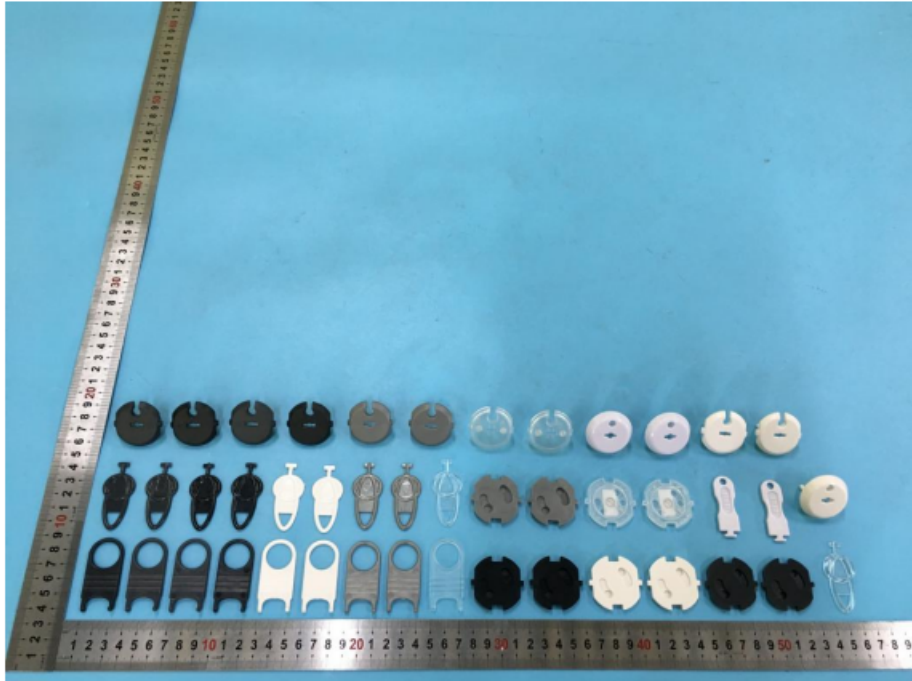
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Photo(s) of Sample:



End of Report