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Client: Wenzhou Dream Garden Amusement Equipment Co.,Ltd

Contact Information: Room 803-1, Building 1, Canghe Jinyuan,
Yongqiangdadao, Yongzhong Street, Longwan District, Wenzhou ,
Zhejiang

Test item(s): Non Toy

**Identification/
Model No(s):** PU VINYL/ PU 皮

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2022-12-06

Testing Period: 2022-12-06 to 2022-12-09

Place of testing: Chemical laboratory Shanghai, Toys laboratory Shanghai

Test Specification:

1. EN 71-1:2014+A1:2018 Mechanical and physical properties*
2. GPSD / ProdSG Labeling Check(Only applicable for Non-toy)
3. EN 71-2:2020 Flammability*
4. EN 71-3:2019+A1:2021 Migration of 19 Elements*

Test result:

PASS
Please refer to result
page
PASS
PASS

Other information:

Packaging provided: No
The provided age grade of the item: Over 36 months.
The appropriate age grade of the item: Over 36 months.
The item was tested over 36 months.
*As per client's requirement

For and on behalf of
TÜV Rheinland (Shanghai) Co., Ltd.



2022-12-14

Neo Yang / Assistant Manager

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.
This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.
"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Material List:

Item: PU VINYL/ PU 皮

Material No.	Material	Color	Location
M006	Whole Product	Red	PU VINYL
M006'	Plastic	Red	PU VINYL

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1. EN 71-1:2014+A1:2018 Mechanical and physical properties

Test No:	T001
Material No:	M006
4. General requirements	
4.1 Material cleanliness	PASS
4.7 Edges	PASS
4.8 Points and metallic wires	PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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2. GPSD / ProdSG Labeling Check(Only applicable for Non-toy)**Test result:**

Test No:	T001
Material No:	M006
Importer/ Manufacturer Mark (European Company name and address)	Absent
Product Identification - type, batch, serial or model number	Absent

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3. EN 71-2:2020 Flammability**Test result:**

	Test No:	T001
	Material No.	M006
4.1 General requirements		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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4. EN 71-3:2019+A1:2021 Migration of 19 Elements

Test Method: with reference to EN 71-3:2019+A1:2021, analyzed by ICP-OES / ICP-MS / LC-ICP-MS/IC-UV/GC-MS.

3) For scraped-off toy materials:
Test Result:

Test No.				T001
Material No.				M006'
Test Parameter	Unit	RL	Regulatory Requirement	Result
Aluminium (Al)	mg/kg	10	28,130	< RL
Antimony (Sb)	mg/kg	5	560	< RL
Arsenic (As)	mg/kg	5	47	< RL
Barium (Ba)	mg/kg	2.5	18,750	81.0
Boron (B)	mg/kg	10	15,000	< RL
Cadmium (Cd)	mg/kg	1	17	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL
Lead (Pb)	mg/kg	2.5	23	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL
Selenium (Se)	mg/kg	10	460	< RL
Strontium (Sr)	mg/kg	2.5	56,000	5.2
Tin (Sn)	mg/kg	1.0	180,000	< RL
Organic Tin [^]	mg/kg	0.2	12	-
Zinc (Zn)	mg/kg	10	46,000	34.8
Mass of trace amount #	mg	--	--	-

Abbreviation: < less than
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
 mg denotes milligram
[^] denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

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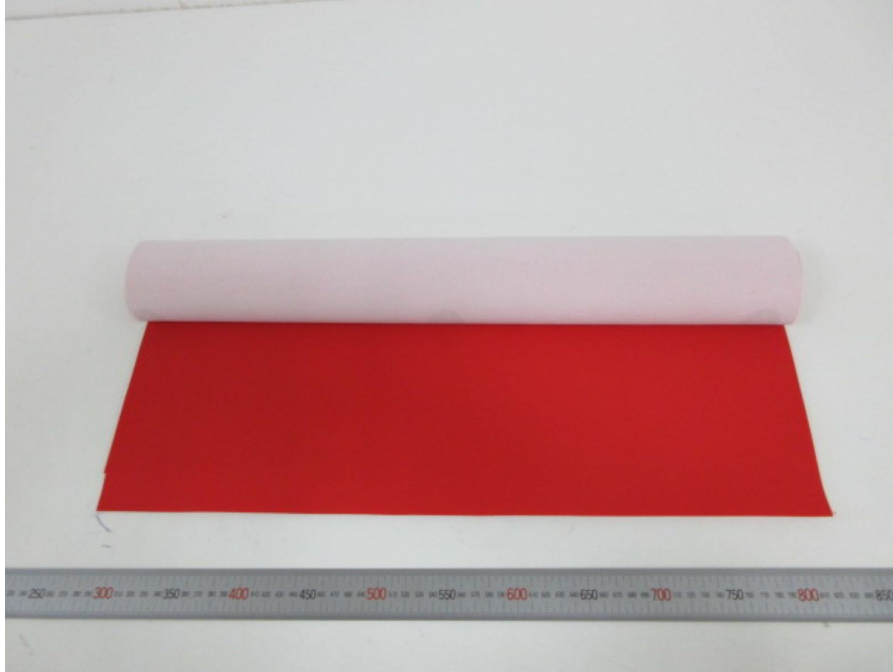
Remark:

- * Categorization of toys materials is based on the material texture. According to point H.11 of Annex H to EN 71-3:2019+A1:2021 / BS EN 71-3:2019+A1:2021 , cosmetic materials with dry, brittle, powder like or pliable texture such as lipstick and eyeshadow are considered as category I materials. However, as a reminder, it cannot preclude the possibility that some national enforcement authorities might take a more stringent action to treat cosmetic materials as sticky and evaluate according to category II requirement as they are intended to be applied on skin and retained for long time.
- # According to EN 71-3:2019+A1:2021, if the weight of a test portion of toy material is less than 10mg, the analysis of migration of certain elements would not be required. If the weight of a test portion of toy material is between 10mg and 100mg, the analytical results would be calculated as though 100mg of the test portion had been used.

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Sample Photo



- END -

