



Test Report

No.: 70.452.24.32885.01

Date: 2024-09-02

Applicant: DECOBUS HANDEL GMBH
Address: INNUNGSSTRASSE 9, 21244 BUCHHOLZ, DEUTSCHLAND
Manufacturer: CAO COUNTY MINGCHAO WOOD PRODUCTS CO., LTD.
Product Name: Klettergerüst für Kinder
Model No.: N621P197204A
Labelled Age Range: Not stated
Age range in testing: Over 3 years
Age Group Assessed As per Age Guideline: Over 3 years
Receipt Date of Sample: 2024-07-11
Date of Testing: 2024-07-11 ~ 2024-08-29
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 the requirement of clause 4.2 & 4.15 & 7	Pass
2. EN 71-2:2020 Flammability	Pass
3. EN 71-3:2019+A1:2021- Migration of certain elements	Pass
4. EN 71-8:2018 Activity toys for domestic use Excluding the requirement of clause 4.2.2 & 4.3.1 & 4.4.2 & 4.4.3 & 4.5.3 & 4.5.4 & 5	Pass

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

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

Prepared by:

Rainie Dai
 Reporting Representative



Authorized by:

Neko Ding
 Director

Note:

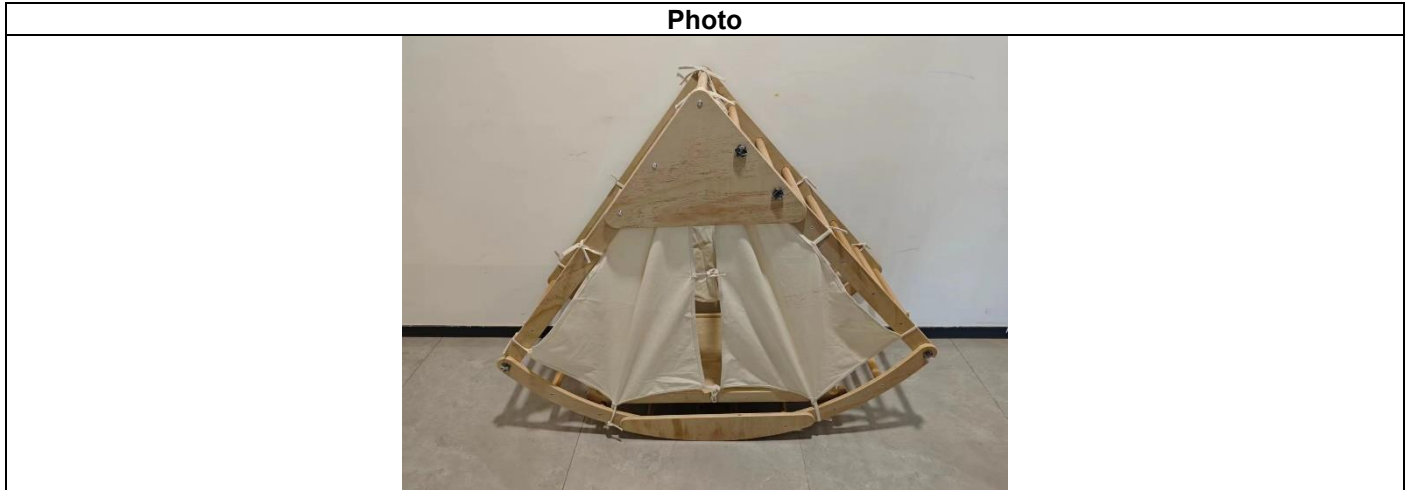
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- (2) The results relate only to the Items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) Disclaimer Measurement Uncertainty:
 Unless otherwise agreed upon, Pass or Fail verdicts 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.

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Description of Tested Subject:



Sample	Description
001	Transparent varnish coating on wood. (body)
002	Natural color solid wood excluding coating. (body)
003	Natural color plywood excluding coating. (body)
004	White woven fabric. (cover)
005	Black plastic. (screw knob)



Test Report

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Test Result(s):

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

Clause	Requirement	Evaluation
4	General Requirements	
4.1	Material cleanliness	P
4.2	Assembly	#1
4.7	Edges	P
4.8	Points and metallic wires	P
4.15	Toys intended to bear the mass of a child	#2
7	Warnings and instructions for use	#3

* Abbreviation:

P = Pass, NA = Not Applicable

Note:

- Only applicable clauses were shown.

Remark:

- #1 - As per applicant's request, the clause 4.2 was not assessed.
- #2 - As per applicant's request, the clause 4.15 was not assessed.
- #3 - As per applicant's request, the clause 7 Warnings, markings and instructions for use was not evaluated.

2. EN 71-2:2020 Flammability

Clause	Requirement	Evaluation
4.1	General Requirement	P
4.4	Toys intended to be entered by a child	P

* Abbreviation:

P = Pass, NA = Not Applicable

Note:

- Only applicable clauses were shown.

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

Test with reference to EN 71-3:2019+A1:2021, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			001	002
Soluble Aluminum	5.00	28130	15.8	<5.00
Soluble Antimony	5.00	560	<5.00	<5.00
Soluble Arsenic	5.00	47	<5.00	<5.00
Soluble Barium	5.00	18750	<5.00	15.9
Soluble Boron	5.00	15000	<5.00	<5.00
Soluble Cadmium	5.00	17	<5.00	<5.00
Soluble Chromium	0.04	-	0.550	<0.04
Soluble Chromium III	0.04	460	0.550	<0.04
Soluble Chromium VI	0.04	0.053	<0.04	<0.04
Soluble Cobalt	5.00	130	<5.00	<5.00
Soluble Copper	5.00	7700	<5.00	<5.00



Test Report

No.: 70.452.24.32885.01

Date: 2024-09-02

Soluble Lead	5.00	23	<5.00	<5.00
Soluble Manganese	5.00	15000	7.80	104
Soluble Mercury	5.00	94	<5.00	<5.00
Soluble Nickel	5.00	930	<5.00	<5.00
Soluble Selenium	5.00	460	<5.00	<5.00
Soluble Strontium	5.00	56000	<5.00	<5.00
Soluble Tin	2.50	180000	<2.50	<2.50
Organic Tin	7.50	12	<7.50	<7.50
Soluble Zinc	5.00	46000	777	<5.00
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			003	004
Soluble Aluminum	5.00	28130	<5.00	7.09
Soluble Antimony	5.00	560	<5.00	<5.00
Soluble Arsenic	5.00	47	<5.00	<5.00
Soluble Barium	5.00	18750	<5.00	<5.00
Soluble Boron	5.00	15000	<5.00	<5.00
Soluble Cadmium	5.00	17	<5.00	<5.00
Soluble Chromium	0.04	-	<0.04	<0.04
Soluble Chromium III	0.04	460	<0.04	<0.04
Soluble Chromium VI	0.04	0.053	<0.04	<0.04
Soluble Cobalt	5.00	130	<5.00	<5.00
Soluble Copper	5.00	7700	<5.00	<5.00
Soluble Lead	5.00	23	<5.00	<5.00
Soluble Manganese	5.00	15000	<5.00	<5.00
Soluble Mercury	5.00	94	<5.00	<5.00
Soluble Nickel	5.00	930	<5.00	<5.00
Soluble Selenium	5.00	460	<5.00	<5.00
Soluble Strontium	5.00	56000	6.18	<5.00
Soluble Tin	2.50	180000	<2.50	<2.50
Organic Tin	7.50	12	<7.50	<7.50
Soluble Zinc	5.00	46000	7.67	<5.00
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]
			005
Soluble Aluminum	5.00	28130	<5.00
Soluble Antimony	5.00	560	<5.00
Soluble Arsenic	5.00	47	<5.00
Soluble Barium	5.00	18750	<5.00
Soluble Boron	5.00	15000	<5.00
Soluble Cadmium	5.00	17	<5.00
Soluble Chromium	0.04	-	<0.04
Soluble Chromium III	0.04	460	<0.04
Soluble Chromium VI	0.04	0.053	<0.04
Soluble Cobalt	5.00	130	<5.00
Soluble Copper	5.00	7700	<5.00



Soluble Lead	5.00	23	<5.00
Soluble Manganese	5.00	15000	<5.00
Soluble Mercury	5.00	94	<5.00
Soluble Nickel	5.00	930	<5.00
Soluble Selenium	5.00	460	<5.00
Soluble Strontium	5.00	56000	<5.00
Soluble Tin	2.50	180000	<2.50
Organic Tin	7.50	12	<7.50
Soluble Zinc	5.00	46000	<5.00
Conclusion			Pass

4. EN 71-8:2018 Activity toys for domestic use

Clause	Requirement	Evaluation
4	Requirements	-
4.1	General	-
4.1.1	Assembly	P
4.1.2	Static strength	P
4.1.3	Maximum height	P
4.1.4	Corners and edges	P
4.1.5	Protruding parts	P
4.1.6	Diameter of ropes and other means of suspension	NA
4.1.7	Water accumulation	P
4.2	Barriers, handrails and ladders and similar means of access to activity toys	-
4.2.1	Barriers and handrails preventing the child from falling down	NA
4.2.2	Ladders and similar means of access to activity toy	#
4.3	Entrapment	-
4.3.1	Entrapment of head and neck	#
4.3.2	Entrapment of clothing and hair	P
4.3.3	Entrapment of feet	P
4.3.4	Entrapment of fingers	P
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	-
4.4.2	Stability of activity toys with a free height of fall of 600 mm or less	#
4.4.3	Stability of activity toys with a free height of fall of more than 600 mm	#
4.5	Slides	-
4.5.2	Stability of slides	NA
4.5.3	Retaining sides for slides	#
4.5.4	Starting, siding and run-out sections on slides	#
4.6	Swings	-
4.6.1	Stability of swings and other activity toys with crossbeams	NA
4.6.2	Static strength of crossbeams, swing devices and suspension connectors	NA
4.6.3	Swings intended for children under 36 months	NA
4.6.4	Minimum clearance between adjacent swing elements, and adjacent structures	NA
4.6.5	Lateral stability of swing elements	NA
4.6.6	Minimum clearance between swing elements and the ground	NA
4.6.7	Suspension connectors and swing devices	NA
4.6.8	Impact, geometry and design of swing elements	NA
4.7	See-saws	-
4.7.1	Stability of see-saws	NA
4.7.2	Seat/stand height	NA
4.7.3	Restraint of motion	NA
4.7.4	Pinching and crushing of fingers and toes	NA

Test Report

No.: 70.452.24.32885.01

Date: 2024-09-02



Clause	Requirement	Evaluation
4.7.5	Hand supports	NA
4.8	Carousels and rocking activity toys	NA
4.9	Paddling pools	-
4.9.1	Static strength of non-inflatable walls	NA
4.9.2	Paddling pools with inflatable walls	NA
5	Warning, markings, and instructions	#

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable

Remark:

#= As per applicant's request, the clause 4.2.2 & 4.3.1 & 4.4.2 & 4.4.3 & 4.5.3 & 4.5.4 & 5 were not evaluated.

-End of Test Report-

