



Test Report

Report No.: RKEYS250305191

Date: Mar. 07, 2025

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Applicant: hunanguhutongdianzishangwuyouxiangongsi
Address: No.07, Xishan Bay Group, Shixin Village, Luguan Town Xinhua County, Loudi City
417600 Hunan Province CN
Manufacturer: SS Wooden Products (Xiamen) Co., Ltd
Address: Area 1 Room 504-9, NO.51 Chengyi North Street, Software Park Phase 3, Torch High-tech
Zone, Xiamen, Fujian, China

The following sample(s) was /were submitted and identified on behalf of the clients as:

Trade Mark: Lecut
Sample Name: armoire
Sample Model: CA-001-Y1ARM, CA-002-Y1ARM, CA-003-Y1ARM, CB-001-Y2ARM,
CB-002-Y2ARM, CB-003-Y2ARM, WC-001-Y3ARM, WC-002-Y3ARM,
WC-003-Y3ARM
Age grading: Adult
Sample Received Date: Mar. 05, 2025
Testing Period: Mar. 05, 2025 to Mar. 07, 2025
Material: Wood
Test Requested:

As requested by the applicant, refer to attached page(s) for details.

Remark: This data is refer to data of : RKEYS250305183

Approved by:



Tony Qian/ Technical Manager



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the original file

Guangdong KEYS Testing Technology Co., Ltd.

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Summary of Test Results:

Test Standard	Conclusion
1 ASTM F2057-23: Standard Safety Specification for Clothing Storage Units	Pass
2 16 CFR 1500. the hazards of sharp points, sharp edges, small parts are assessed both before and after applicable use and abuse tests	NA
3 Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103-Tracking Labels for Children's Products- Tracking label requirement.	Pass
4 - USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint - USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule	Pass
5 - USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates - USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
6 40 CFR PART 770—Formaldehyde Standards for Composite Wood Products ASTM E1333-22 Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates from Wood Products Using a Large Chamber	Pass

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Test Results:

(1) ASTM F2057-23 Standard Safety Specification for Clothing Storage Units

Section	Test request	Result(s)	Verdict
1	Scope		
2	Referenced Documents		
3	Terminology		
4	Performance Requirements		
4.4	Tip over restraint: Tip over restraints shall be included with each item of furniture	M	Pass
4.5	ASTM F3096 cl. 4: Tip over restraint shall withstand the static load of 60lb (27 kg) and maintain for 30 s.	M	Pass
4.6	Interlock Requirements	NA	/
6	Test Method - Scope		
7	Significance and Use		
8	Test Setup		
9	Test Procedure		
9.1	Evaluate Interlock System	NA	/
9.2.1	Simulated Clothing Load	M	Pass
9.2.2	Simulated Horizontal Dynamic Force	M	Pass
9.2.3	Simulated Reaction on Carpet w/Child Weight	M	Pass
9.3	Permanency of Labels and Warnings Testing	M	Pass
9.3.1	Paper label: A paper label shall be considered permanent if, during an attempt to remove it without the aid of tools or solvents, it cannot be removed, it tears into pieces upon removal, or such action damages the surface to which it is attached.	M	Pass
9.3.2	Non-paper label: A non-paper label shall be considered permanent if during an attempt to remove it without the aid of tools or solvents, it cannot be removed or such action damages the surface to which it is attached.	NA	/
9.3.3	Adhesion Test for Warnings Applied Directly onto the Surface of the Product	NA	/
10	Marking and Labeling		
10.1	Warnings on Product	M	Pass

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Section	Test request	Result(s)	Verdict
10.2	Warnings Format and Content	M	Pass
11	Precision and Bias		
Additional Requirements acc. ASTM F3096			
ASTM F3096-14 c1.5	Instructional Literature: Installation instruction shall include a minimum the following: <ul style="list-style-type: none"> • Illustration showing installation method • Detailed written instructions with step by step instructions on how to properly attached the tip over restraint • Parts list including illustrations 	M	Pass
ASTM F3096-14 c1.6	The following information shall be provided with each tip over restraint <ul style="list-style-type: none"> • Manufacturer's name and address • Date of manufacture (capable of identifying at a minimum the month and year of manufacture) 	M	Pass

Note: M = Meet NA = Not Applicable

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(2) As per 16 CFR 1500. the hazards of sharp points, sharp edges, small parts are assessed both before and after applicable use and abuse tests

The following clauses are identified to be applicable:

Age grading for testing: Adult

<u>Test standard</u>	<u>Test Condition</u>		<u>Sharp point</u>	<u>Sharp edge</u>	<u>Small Parts</u>	<u>Rattle Test*</u>
			<u>(1500.48)</u>	<u>(1500.49)</u>	<u>16 CFR 1501</u>	<u>16 CFR 1510</u>
1500.50	Simulating use testing		NA	NA	NA	NA
1500.50	Abuse testing		NA	NA	NA	NA
1500.53	Impact Test	4 x 3 ft	NA	NA	NA	NA
1500.53	Torque Test	4 in-lbf	NA	NA	NA	NA
1500.53	Tension Test	15 lbf	NA	NA	NA	NA
1500.53	Compression	30 lbf	NA	NA	NA	NA
1500.53	Flexure Test	--	NA	NA	NA	NA
1500.53	Bite Test	--	NA	NA	NA	NA
1500.121	Labeling requirements; prominence, placement, and conspicuousness					
1500.19	Misbranded toys and other articles intended for use by children					
Note:	*The abuse test of the rattle component(s) is according to part 1500.51					
	P = Pass NA = Not Applicable F = Fail NT = Not Test					

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(3) CPSIA Tracking labels

Test method: As per CPSIA 2008 sec. 103. Tracking labels for children's products.

Requirement	Result(s)	Verdict
On Packaging		
Present on packaging	M	Pass
Permanent	M	Pass
Manufacturer or private labeler	M	Pass
Location of production (City and country)	M	Pass
Date of production (month and year)	M	Pass
On Product		
Present on product	M	Pass
Permanent	M	Pass
Location of production (City and country)	M	Pass
Date of production (month and year)	M	Pass
Manufacturer or private labeler	M	Pass

Note: M = Meet

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(4) CPSIA Total Lead:

Consumer Product Safety Improvement Act 2008 (CPSIA) (H.R.4040) Section 101

Children's products containing lead; lead paint rule.

CPSC - 15 U.S.C.§1278a. Children's products containing lead; lead paint rule

USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment
Total Lead(Non-Metal products)	CPSC-CH-E1002-08	ICP-OES
Total Lead(Metal products)	CPSC-CH-E1001-08	ICP-OES
Paint and Other Similar Surface Coatings	CPSC-CH-E1003-09.1	ICP-OES

Test Result:

No.	Test Item	Unit	MDL	Limit	Result
1	Total Lead(Non-Metal products)	mg/kg	5	100	N.D.
2	Total Lead(Paint)	mg/kg	5	90	N.D.
3	Total Lead(Non-Metal products)	mg/kg	5	100	N.D.
4	Total Lead(Metal products)	mg/kg	5	100	N.D.
5	Total Lead(Non-Metal products)	mg/kg	5	100	N.D.
6	Total Lead(Metal products)	mg/kg	5	100	N.D.

Note: 1. mg/kg= ppm

2. N.D.= Not Detected(<MDL)

3. MDL = Method Detection Limit

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(5) Phthalates Content Test

- USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates
- USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment
Phthalate	CPSC-CH-C1001-09.3	GC-MS

Test Result:

Test Item(s)	Unit	Limit	MDL	Result			
				1	2	3	5
Dibutyl Phthalate(DBP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.
Benzylbutyl Phthalate (BBP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.
Diisononyl Phthalate(DINP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.
Di-iso-butyl ortho-phthalate (DIBP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.
Di-n-pentyl phthalate (DPENP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DHEXP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	mg/kg	1000	30	N.D.	N.D.	N.D.	N.D.

- Note:**
1. mg/kg= ppm
 2. N.D.= Not Detected(<MDL)
 3. MDL = Method Detection Limit

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(6) Formaldehyde release

40 CFR PART 770—Formaldehyde Standards for Composite Wood Products

ASTM E1333-22 Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates from Wood Products Using a Large Chamber

Temperature of the chamber: 23°C, R.H.: 50 %

Air Change rate, n[h-1]: 0.5

The environment temperature: 25°C

Emission Test Results after 3 Days

Result

Sample No.	Unit	MDL	Limit	Test Result
1	mg/m ³	0.002	0.21	0.15

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Specimen Description:

No.	Description
1	Walnut Wood Cabinet
2	White Paint/Cabinet
3	Transparent Plastic Plate
4	Gold Metal Handle
5	Black Plastic Handle
6	Glass Mirror

Sample Photo:



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Tracking labels	
Product	armoire
Model Number	CA-001-Y1ARM,CA-002-Y1ARM,CA-003-Y1ARM,CB-001-Y2ARM,CB-002-Y2ARM,CB-003-Y2ARM,WC-001-Y3ARM,WC-002-Y3ARM,WC-003-Y3ARM
Material	Wood
Manufacturer	hunanguohutongdianzishangwuyouxiangongsi
Manufacturer address	No.07, Xishan Bay Group, Shixin Village, Luguan TownXinhua County, Loudi City 417600Hunan Province CN
Import	Hxyet Inc
Import address	1819 DENVER WEST DR STE 260 LAKEWOOD, CO 80401
Part Number	8309
Manufacturer Date	2024/2/1

*** End of Report ***