

Test Report

Number: SZHH01847746

Applicant: HOUSE & HOME SDN BHD
LOT 6476 LORONG SG PULOH, BATU 6, JALAN
KAPAR,42100, KLANG SELANGOR,MALAYSIA

Date: Oct 25, 2023

Attn: Ada

Sample Description:

One (1) set of submitted sample said to be :

Item Name : **Upholstered Bed with Drawers.**
UPC No. : 00850054539007, 00850054539014, 00850054539021, 00850054539038,
00850054539045, 00850054539052, 00850054539090, 00850054539083.
Labelled Age Group : Not Specified.
Applicant Specified Age : Over 4 years.
Grading for Testing :
Packaging Provided by Applicant : Yes.
Additional Material and Wet Paint Provided : Yes.
Buyer : House and Home Furniture LLC.
Manufacturer : House & Home SDN BHD.
Country of Origin : Malaysia.
Country of Destination : USA/Canada.
Date Sample Received : Sep 15, 2023 & Oct 07, 2023 & Oct 17, 2023.
Testing Period : Sep 15, 2023 – Oct 23, 2023.



Tests conducted:

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



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Conclusion:

Tested Samples
Submitted samples

Test Item
Test Specification for Bed
- As per the client's requirement

Result
Pass
(See remark 1 & 2)

Tested Samples
Submitted samples

Requirement
U.S. CFR Title 16 (CPSC Regulations)
Mechanical and physical test

Result
Pass

Test Item
Applicant's requirement on total Lead (Pb) content

Result
Pass

Applicant's requirement on total Lead and Mercury content in surface coating

Pass

Standard
U.S. CFR Title 16 Part 1303 total Lead content

Result
Pass

U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating

Pass

Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2016-193 and Amendment SOR/2022-122 on Lead content

Pass

Test Item
Applicant's requirement with reference to Canada Consumer Products Containing Lead Regulations SOR/2018-83

Result
Pass

Applicant's requirement on flame retardants content

Pass (see remark 3)



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Remark:

1. The format, contents, type height, label size, label material composition and printing of the label were correct. But the affixed method was not verified.
2. Provided with SGS report GZHL2305016924IP dated Jun 02,2023 and GZHL2308026315IP dated Aug 10,2023 for verification. Actual test was not conducted.
3. The test result of component (1) White foam (parts) stated in the report are quoted from the test report number SZHH01810166 dated on Jun 05, 2023, since the material of sample is claimed to be identical.

Authorized by:
For Intertek Testing Services Shenzhen Ltd
Xiamen Branch



Rachel L. Guo
General Manager



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Tests Conducted

1 Test Specification for Bed

As per the client's requirement, the submitted samples were subjected to the following tests.

Number of samples tested: One (1) piece

Executive summary:

Items	Citation	Requirement / Limit	Result
Labeling & Packaging			
† Product Packaging and Labeling	F.P. & L. Act, 16 CFR 500 (For one time use products) OR NIST Handbook 130 Uniform Laws and Regulations (For others)	Manufacturer, packer, or distributor's name & address (city, state & zip) Product Identification Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units).	P
† Country of Origin Marking	19 CFR 134.11	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	P
Instructions	ITS-M0060	Instructions clear and concise and include diagrams or illustrations. Instructions or package includes a complete list of tools required for assembly. All hardware required for proper assembly is included	P
Verify Label Claims	ITS-M0060	Shall meet label claims (If applicable). Remark any claim that is not verified.	See appendix
† Law Label - Except Stuffed Toy	Various US State Law / With reference to IABFLO	Stuffed articles (except stuffed toys and stuffed pet toys), bedding or furniture with filling materials, as specified, shall have law label attached to the product. NOTE: It is the vendor's responsibility to register the product as required.	See remark 1



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Items	Citation	Requirement / Limit	Result
†California Flammability labeling	CA Home Furnishings and Thermal Insulation Act	<p>All upholstered furniture sold in the State of California (except those that are exempt from the flammability requirements) must have a flammability label attached.</p> <p>Furniture manufactured after January 1, 2015 must have a TB117-2013 flammability label attached.</p> <p>Flammability label verbiage for upholstered furniture compliant with TB117-2013:</p> <p style="text-align: center;"><small>NOTICE THIS ARTICLE MEETS THE FLAMMABILITY REQUIREMENTS OF CALIFORNIA BUREAU OF HOUSEHOLD GOODS AND SERVICES TECHNICAL BULLETIN 117-2013. CARE SHOULD BE EXERCISED NEAR OPEN FLAME OR WITH BURNING CIGARETTES.</small></p> <p>Flammability label for upholstered furniture compliant with both the TB116 and TB117-2013 (Note: TB116 is a voluntary standard, however if labeled as such, it must now comply):</p> <p style="text-align: center;"><small>NOTICE THIS ARTICLE MEETS ALL FLAMMABILITY REQUIREMENTS OF CALIFORNIA BUREAU OF HOUSEHOLD GOODS AND SERVICES TECHNICAL BULLETINS 116 AND 117-2013. CARE SHOULD BE EXERCISED NEAR OPEN FLAME OR WITH BURNING CIGARETTES.</small></p> <p>Minimum size of the label shall be 2 x 3 inches and the minimum size of the type shall be one-eighth inch in height. All type shall be in capital letters.</p> <p>The new label format is effective Jan 1, 2020. It still requires a label.</p>	See remark 1
†California Flammability labeling	CA Home Furnishings and Thermal Insulation Act	<p>Flammability warning label must be</p> <p>Labels shall be securely fastened onto completed articles and bulk materials in a manner approved by the Bureau in such an area as to be openly and easily visible to view. Labels are not to be concealed or obstructed from view in any manner.</p> <p>Label Material. Law labels shall be constructed of material approved by the Bureau and shall not be easily torn or defaced.</p>	See remark 1
†California Flammability labeling - font size and font type	CA Home Furnishings and Thermal Insulation Act	<p>All words in Flammability Notice section shall be:</p> <ul style="list-style-type: none"> - 1/8" in height and - Must be in capital letters - Minimum size of the label shall be 2" x 3" 	P



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† Labeling for Presence or Absence of Flame Retardants	California Bill SB 1019	The following “flame retardant chemical statement” shall be included on the flammability label: “The upholstery materials in this product: _____ contain added flame retardant chemicals _____ contain NO added flame retardant chemicals The State of California has updated the flammability standard and determined that the fire safety requirements for this product can be met without adding flame retardant chemicals. The state has identified many flame retardant chemicals as being known to, or strongly suspected of, adversely impacting human health or development.” The absence or presence of added flame retardant chemicals shall be indicated by placing an “X” in one of the appropriate blanks by the manufacturer. The statement is not required to be in all capital letters and shall follow the requirements that required for TB 117-2013 label.	See remark 1
† Labeling for Upholstered Furniture	16 CFR 1640	Each manufacturer of a product that is subject to the California standard shall include the statement “Complies with U.S. CPSC requirements for upholstered furniture flammability” on a permanent label located on the product, which shall be considered to be a certification that the product complies with that standard. CPSC staff recommends that the certification statement be conspicuous and legible. The statement should be at least 1/8-inch high and not smaller than other text on the label; it should be in black text on a white background and surrounded with black border. The label may be a separate label, or it can be added to the bottom of an existing California TB 117-2013 label required by SB-1019. The required statement must appear on the front of the label in English and cannot be on the back side. Compliance with the labeling requirement in § 1640.4 shall be required by June 25, 2022, and shall apply to all upholstered furniture, as defined in § 1640.3, manufactured, imported, or reupholstered on or after that date.	See remark 1
Physical Properties			
Mattress foundation size	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 80-1/4” x 60-1/4” C: No claims
Headboard dimensions	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 64-1/2” x 21” x 3” C: No claims



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Items	Citation	Requirement / Limit	Result
Footboard dimensions	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 61-1/2" x 9-3/4" x 1" C: No claims
Frame dimensions	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 82-1/2" x 63" x 10-5/8" C: No claims
Material thickness of frame	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 0.05" C: No claims
Number of legs	Visual Check	Report actual. Shall meet label claims (If applicable).	R: 8 C: No claims
Foundation / support structure height from the floor	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 10-5/8" C: No claims
Total weight	ITS-M0059	Report actual. Shall meet label claims (If applicable).	R: 87.1 lbs C: No claims
Material Type	Visual Check	Report actual. Shall meet label claims (If applicable).	R: Metal, wood, fiberboard, fabric, foam, plastic C: No claims
Construction & Workmanship			
Finish/ Workmanship	Visual Check	Free of nicks, burrs, pits, sharp edges or any other defects which may affect serviceability or appearance of the finished product. Wood is well sanded and free from splits, shade, worm holes, discoloration, saw and machine marks. Nail holes filled and sanded. Good overall appearance with good alignment of components.	P
Construction	Visual Check	If a Canada or US stuffing label (Law Label) is present, the stuffing contained in the product visually matches the description on the label. Filling / stuffing material(s) visually match any other material identification labeling on the packaging or product (<i>for both US and Canadian Products</i>). Sample exhibits good rigidity and stability. All components or parts of the bed, with which the user may come into contact during normal use, shall not have burrs and / or sharp edges, nor shall there be open-ended tubes.	P
Moisture Content (Solid Wood Only)	ITS-M0054	Shall be less than 12%.	P
Attachment	Visual Check	Headboard to frame method of attachment (bolted, cleat, etc). Report actual.	R: bolted
Bed size	Visual Check	Bed / Bed Frame fits intended bed size (Twin, Twin XL, Full, Full XL, Queen, King, Cal King)	P R: Queen C: Queen



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Items	Citation	Requirement / Limit	Result
Metal surfaces	Visual Check	All metal surfaces are plated, coated or equivalent to inhibit corrosion.	P
Performance Test			
Static load test (Distributed load)	In house method	Assembled sample withstands a load uniformly distributed on a surface supported by the frame for 24 hours without collapse or noticeable deformation of any component and with no loss in consumer serviceability. Rated load (if applicable) 300 lb per person load (if not rated)	P (Test load: 1000 lbs)
Structural strength test (Concentrated load)	In house method	Assembled sample withstands two loads of 300 pounds (600lb total) simultaneously for 1 minute, 12 inches from each side of the center of one side frame member, and 8 inches inboard from the side frame member, without loss of serviceability.	P
Flammability of Materials used in Upholstered Furniture			
†Cover Fabric	California Technical Bulletin 117-2013 Section 1	1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs: a) The mock-up test specimen continues to smolder after the 45 minute test duration; b) A vertical char length (measured as specified in step 11.9 of ASTM E1353-08a ε1) of more than 1.8 inches (45 mm) develops on the cover fabric. c) The mock-up test specimen transitions to open flaming. 2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering. 3. If more than one initial specimen fails, the cover fabric fails the test. 4. If any one of the three initial specimens fails, repeat the test on additional three specimens. 5. If all three additional specimens pass the test, the cover fabric passes. If any one of the additional three specimens fails, the cover fabric fails the test.	P (See remark 2)



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Items	Citation	Requirement / Limit	Result
† Resilient Filling Material	California Technical Bulletin 117-2013 Section 3	1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs: a) The mock-up test specimen continues to smolder after the 45 minute test duration; b) A vertical char length (measured as described in step 17.9 of ASTM E1353-08a ε1) of more than 1.5 inches (38 mm) develops on the cover fabric. c) The mock-up test specimen transitions to open flaming. 2. The resilient filling material passes the test if three mock-up specimens pass the test. 3. If more than one specimen fails, the resilient filling material fails the test. 4. If any one of the three initial specimens fails, repeat the test on additional three specimens. 5. If all three additional specimens pass the test, the resilient filling material passes the test. If any one of the additional three specimens fails, the resilient filling material fails the test.	P (See remark 2)
† Flammability for Upholstered Furniture	16 CFR 1640 / California Technical Bulletin 117-2013	All upholstered furniture must comply with the requirements in the California standard, Technical Bulletin (TB) 117-2013. EFFECTIVE DATE: June 25, 2021	P (See remark 2)
Additioanl client's requirement			



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Items	Citation	Requirement / Limit	Result
Labeling of Composite Wood Product - Formaldehyde Emission (EPA)	40 CFR 770.45	<p>Composite wood products (i.e. hardwood plywood (HWPW) made with either a combination core (CC) or a veneer core (VC), particleboard (PB), and medium-density fiberboard (MDF)), panels, finished goods containing composite wood products, finished goods made from panels manufactured in accordance with 40 CFR 770.17 and/or 40 CFR 770.18, or finished goods made from panels made with a combination of compliant composite wood, no-added formaldehyde-based (NAF-based) resins, and ultra-low emitting formaldehyde (ULEF) resins, shall be labeled in accordance with the regulations and meet all applicable requirements.</p> <p>EFFECTIVE DATE: June 1, 2018</p> <p>NOTE: 1) Valid product certificate issued by an EPA TSCA Title VI TPC shall be provided for review. 2) Finished goods, including component parts sold separately to end users, containing only a <i>de minimis</i> amount (i.e. 144 square inches, based on the surface area of its largest area) of regulated composite wood product are excepted from the labeling requirements, however, the exception does not apply to finished goods or component parts that are designed to be used in combination or in multiples to create larger surfaces, finished goods, or component parts.</p>	<p>P (Valid TSCA certificate was provided for review, correct label was presented on the packaging)</p>



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Items	Citation	Requirement / Limit	Result
California Proposition 65 – Warning Label	Title 27, California Code of Regulations, Article 6 Clear and Reasonable Warnings ANSI Z535.4	Products and / or packaging containing a Proposition 65 warning must meet requirements set out in Title 27, California Code of Regulations, Article 6, Clear and Reasonable Warnings. Must include these bullet points: - Warning symbol to the left of the word “WARNING” capitalized in bold; - Chemical(s) found in product (short form will exclude chemical names); - If the chemical is a listed carcinogen and/or reproductive toxicant; - Substantially similar language for specific exposure pathway(s) found in Section 25603 (short form will exclude language); - Website URL (www.P65Warnings.ca.gov).	P

Abbreviation: P = Pass; NA = Not Applicable; R = Recorded; C = Claimed

2 Physical and Mechanical Test

Test requirement: U.S. Code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

	No. of Sample Tested	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As received	1	P	P	NA
Impact (1500.53(b))	1	P	P	NA
Flexure (1500.53(d))	0	NA	NA	NA
Torque (1500.53(e))	1	P	P	NA
Tension (1500.53(f))	1	P	P	NA
Compression (1500.53(g))	1	P	P	NA

Abbreviation: P = Pass NA= Not Applicable



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Tests Conducted

3 Total Lead (Pb) Content

With reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1, followed by Inductively Coupled Argon Plasma Spectrometry.

(1) For surface coating

Element	Result (mg/kg) θ	Reporting limit (mg/kg)	Limit (mg/kg)
	Tested component		
	(2) (3+4)		
Lead (Pb)	ND	10	90

ND = Not detected

θ = Single result for each test component/group

Tested Components: See component list in the last section of this report

4 Total Lead (Pb) and Mercury (Hg) Content in Surface Coating

With reference to test method CPSC-CH-E1003-09.1, total lead and mercury content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg) θ	Reporting limit (mg/kg)	Limit (mg/kg)
	Tested component		
	(2) (3+4)		
Lead (Pb)	ND	10	90
Mercury (Hg)	ND	5	ND

ND = Not detected

θ = Single result for each test component/group

Tested Components: See component list in the last section of this report

5 Total Lead (Pb) Content in Surface Coating (U.S. 16 CFR Part 1303 and CPSIA Section 101)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm) θ	Reporting Limit (ppm)	Limit (ppm)
	Tested Component		
	(2) (3+4)		
Lead (Pb)	ND	10	90

The above limit was quoted according to U.S. CFR Title 16 Part 1303 and U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating.



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ppm = parts per million = mg/kg
 ND = Not detected (less than reporting limit)
 θ = Single result for each test component/group

Tested components: See component list in the last section of this report

6 Total Lead (Pb) Content (CCPSA SOR/2016-193 and Amendment SOR/2022-122)

As per Method C-02.2.2 published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, acid digestion method was used and determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg) θ	Detection Limit (mg/kg)	Limit (mg/kg)
	Tested Component		
	(2) (3+4)		
Lead (Pb)	ND	10	90

The above limit was quoted according to Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2016-193 and Amendment SOR/2022-122 for prohibition on Lead in stickers, films or surface coating materials.

ND = Not detected
 θ = Single result for each test component/group

Tested component(s): See component list in the last section of this report

7 Total Lead (Pb) content (CCPSA SOR/2018-83)

As per Method C-02.2.2, C-02.3.2, C-02.4.1, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, acid digestion was used and Total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg) θ	Detection Limit (mg/kg)	Limit (mg/kg)
	Tested Component		
	(2) (3+4)		
Lead (Pb)	ND	10	90

The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.

ND = Not detected (less than detection limit)
 θ = Single result for each test component/group

Tested Components: See component list in the last section of this report



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8 Flame Retardants Content

With reference to US EPA Method 3550C: 2007, US EPA Method 8270D: 2014 and US EPA Method 3052: 1996, followed by Gas Chromatography Mass Spectrometric (GC/MS), Liquid Chromatographic / Tandem Mass Spectrometer (LC/MS/MS) and Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test item	CAS No.	Result (mg/kg)	Reporting limit (mg/kg)	Limit (mg/kg)
		Tested component (1)		
Tris (1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	ND	1	--
Tris (2-chloroethyl) phosphate (TCEP)	115-96-8	ND	1	--
Tris (2, 3-dibromopropyl) phosphate (TRIS /TDBPP)	126-72-7	ND	5	--
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	ND	5	--
Octabromodiphenyl ether (OctaBDE)	32536-52-0	ND	5	--
Decabromodiphenyl ether (DecaBDE)	1163-19-5	ND	5	--
Hexabromocyclododecane (HBCDD)	3194-55-6	ND	5	--
Tetrabromobisphenol A (TBBPA)	79-94-7	ND	5	--
Isopropylated Triphenyl Phosphate (IPTPP)	68937-41-7	ND	5	--
Short Chained Chlorinated paraffins (SCCP, C10~C13)	85535-84-8	ND	50	--
2-ethylhexyl tetrabromobenzoate (TBB)	183658-27-7	ND	5	--
Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH)	26040-51-7	ND	5	--
Tris(1-Chloro-2-propyl) phosphate (TCPP)	13674-84-5	ND	1	--
2,2-bis(chloromethyl) trimethylene bis(bis(2-chloroethyl) phosphate) (V6)	38051-10-4	ND	5	--
Triphenyl phosphate (TPP)	115-86-6	ND	5	--



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Antimony trioxide Δ	--	ND	10	----
Antimony(Sb)	7440-36-0	ND	10	
Bis(tert-butylphenyl) phenyl phosphate (DBPP)	65652-41-7	ND	5	--
4-(tert-butyl) phenyl diphenyl phosphate (MDPP)	56803-37-3	ND	5	--
Tris(4-tert-butylphenyl) phosphate (TBPP)	78-33-1/ 28777-70-0	ND	5	--
Sum of all Flame Retardant	--	ND	--	1000

ND = Not detected (less than reporting limit)

Tested Components: See component list in the last section of this report

Component list:

- (1) White foam (parts)
- (2) Black coating on metal (surface of frame of bed)
- (3) Off- white coating on metal (surface of frame of drawer)
- (4) Ivory white coating on metal (surface of frame of drawer)

Appendix

Claim Verification

Claim	Classification	Result
- Grey	Test method: Visual check	As Claimed
- Gross weight: 96.4 lbs - Outer covering: 100% Polyester	Not verified	Not verified



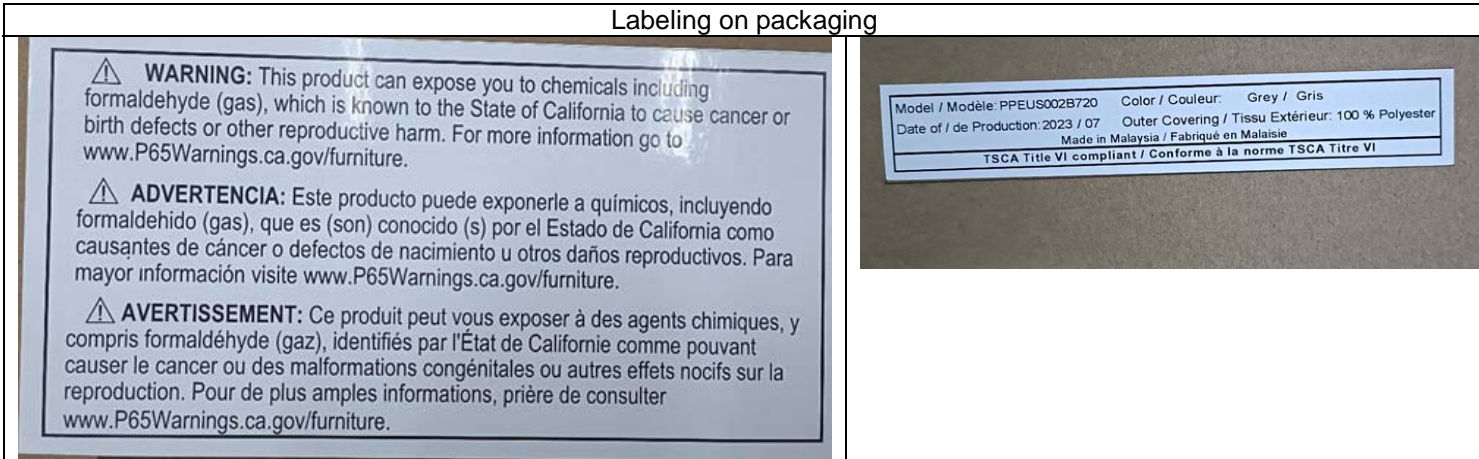
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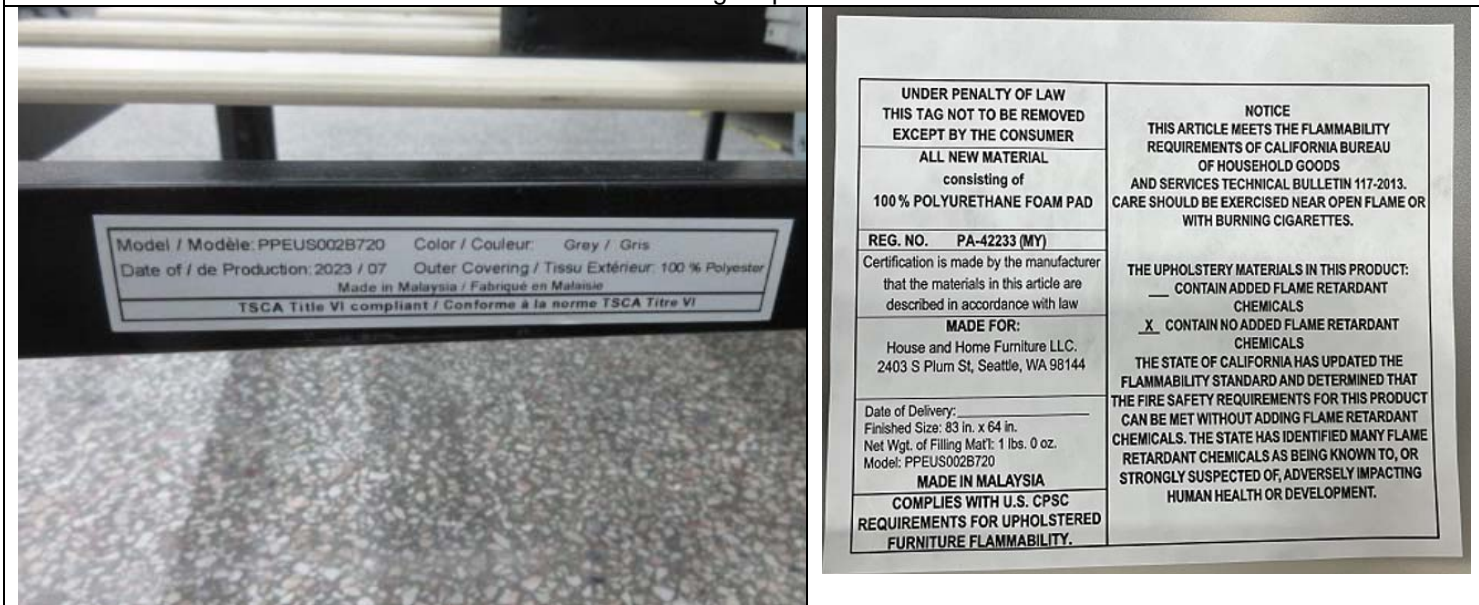
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Applicant's requirement photo:

Labeling on packaging



Labeling on product



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Applicant's reference photo:



End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek.



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