



Technical Report: 96241160313
Date Received: APRIL 25, 2024

JUNE 03, 2024
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DAI VIET CO., LTD
NO. 276/19/13 TRAN HUNG DAO STREET, DONG B QUARTER, DONG HOA WARD, DI AN CITY, BINH DUONG
PROVINCE, VIETNAM.

Sample Description:	TWIN BED WITH STAIRCASE SHELFs AND DRAWERS		
Vendor:	DAI VIET CO., LTD	Sample Size:	/
Manufacturer:	DAI VIET CO., LTD	VPN:	/
Buyer:	/	SKN/SKU No.:	WF297717/18/19
Agent:	/		/
Labeled Age Grade:	/	PO No.:	V122VDY20240318LE
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	VIETNAM
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	/	Item#:	2405X1462X1734
Color:	WHITE/GREY /ESPRESSO	Date of Production:	/
Program:	/	Model/Style#:	/
Previous No:	/	Country of Destination:	USA

TEST PROPERTY	PASS	FAIL	DATA	N/A	Remark
CPSIA Total lead content in Surface Coating	X				
CPSIA Total Lead Content In Substrate Materials	X				
15 U.S.C 1278a-Children Product Containing Lead	X				
16 CFR 1213 Bunk Beds	X				
16 CFR 1513 Requirements for Bunk Beds	X				
ASTM F1427-21e1 Bunk Beds	X				

Note(s):

- This report includes the test result(s) which was conducted & reviewed by Analytical department.
- The Chemical test following reports listed:

No.	Tested component:	Chemical test	Reference report	Report issued date
1	Grey Coating/ Wood	Lead	96241160326	May 10, 2024

- The carton layout and the assembly instruction were not tested.



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If there is any question regarding this report, please contact the following lab personnel:

Administrative inquiries, please contact:

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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.

TERRY NGUYEN
LAB MANAGER – HARDLINE, TOYS & JUVENILE PRODUCTS DIVISION

SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	White Coating/ Wood	Coating	-
I002	Espresso Coating/ Wood	Coating	-
I003	Yellow/ Black Coating/ Warning Label	Coating	-
I004	Black/ Yellow/ White Coating/ CA Prop.65 Label	Coating	-
I005	Black/ White Coating/ Tracking Label	Coating	-
I006	Yellow/ Red/ White Coating/ Maximum Weight Label	Coating	-
I007	Black/ White Coating/ Country Of Origin Label	Coating	-
I008	Black Coating/ Glide	Coating	-
I009	No Coating/ Side Drawer	Coating	-
I010	Brown Coating/ Bottom Drawer	Coating	-
I011	No Coating/ Hinge Door	-	-
I012	No Coating/ Hardware	-	-
I013	No Coating/ Metal Plate (On Door)	-	-
I014	MDF	Wood	-
I015	Plywood	Wood	-
I016	Glide	Metal	-
I017	Hinge Door	Metal	-
I018	White Plastic Door Catches	Hard Plastic	-
I019	Metal Plate In Door Catches	Metal	-
I020	Yellow Flat Head Screw	Metal	-
I021	Small Yellow Flat Head Screw (Hinge Door)	Metal	-
I022	Yellow Round Head Screw	Metal	-
I023	Silver Knob Bolt	Metal	-
I024	Silver Hex Head Bolt	Metal	-
I025	Silver Hex Head Screw	Metal	-
I026	Silver Barrel Nut	Metal	-
I027	Metal Plate On Door	Metal	-

TEST RESULT

Total Lead Content in Surface Coating
- United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) / United States Code of Federal Regulations (CFR), Title 16, Part 1303

Test Method : U. S. CPSC-CH-E1003-09.1 (February 25, 2011).

Maximum Allowable Limit :	90 mg/kg
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-	Unit	Result					
Test Item(s)	-	I001	I002	I003	I004	I005	I006
Parameter	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	12	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Result						
Test Item(s)	-	I007	I008	I009	I010	I011	I012	I013
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	39	-	ND	-	-	-
Conclusion	-	PASS	PASS	NA	PASS	NA	NA	NA

Note / Key :

ND = Not detected NA = Not applicable ">" = Greater than
 mg/kg = milligram(s) per kilogram = ppm = part(s) per million
 Detection Limit (mg/kg) : 10

Remark :

- Component(s) in Test Item(s) may not able to be tested individually due to overlapping.

TEST RESULT

Total Lead Content in Substrate:
- United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)

Test Method : U. S. CPSC Test Method CPSC-CH-E1001-08.3 (November 15, 2012) or U. S. CPSC Test Method CPSC-CH-E1002-08.3 (November 15, 2012).

Maximum Allowable Limit :	100 mg/kg
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-	Unit	Result			
Test Item(s)	-	I014	I015	I018	I016
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS

-	Unit	Result				
Test Item(s)	-	I017	I019	I020	I021	I022
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Result				
Test Item(s)	-	I023	I024	I025	I026	I027
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS

Note / Key :

ND = Not detected NA = Not applicable ">" = Greater than
 mg/kg = milligram(s) per kilogram = ppm = part(s) per million 10000 mg/kg = 1 % % = percent
 Detection Limit (mg/kg) : 10

Remark :

- According to Children's Products Containing Lead; Exemptions for Certain Electronic Devices; Final Rule, exemption were granted to steel alloy containing up to 0.35 % lead by weight, aluminum containing up to 0.4 % lead by weight and copper-based alloy containing up to 4 % lead by weight.
- According to Petition Requesting Exception from Lead Content Limits; Notice Granting Exception, exemption was granted to certain aluminum alloy on certain ride-on children's products containing up to 0.03 % lead weight.



TEST RESULT

**Total Lead Content:
 15 U.S.C 1278a-Children Product Containing Lead**

Maximum Allowable Limit :	100 mg/kg
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-	Unit	Result					
Test Item(s)	-	I001	I002	I003	I004	I005	I006
Parameter	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	12	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Result						
Test Item(s)	-	I007	I008	I009	I010	I011	I012	I013
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	39	-	ND	-	-	-
Conclusion	-	PASS	PASS	NA	PASS	NA	NA	NA

-	Unit	Result			
Test Item(s)	-	I014	I015	I018	I016
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS

-	Unit	Result				
Test Item(s)	-	I017	I019	I020	I021	I022
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Result				
Test Item(s)	-	I023	I024	I025	I026	I027
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS

Note / Key :

ND = Not detected NA = Not applicable ">" = Greater than
 mg/kg = milligram(s) per kilogram = ppm = part(s) per million 10000 mg/kg = 1 % % = percent
 Detection Limit (mg/kg) : 10

Remark :

- Tested per client's request



RESULT(S):

REQUIREMENTS FOR BUNK BEDS (FHSA, Title 16, CFR, Part 1213 & 1513)

Section	Description	Results
1213.3 1513.3	Requirements	
1213.3(a) 1513.3(a)	Guardrails	
1213.3(a)(1) 1513.3(a)(1)	Two guardrails required if bed is > 30 inches from ground	M
1213.3(a)(2) 1513.3(a)(2)	One guardrail shall be continuous	M
1213.3(a)(3) 1513.3(a)(3)	No greater than 15 inches between either end	M
1213.3(a)(4) 1513.3(a)(4)	Bunk Beds with ladder, continuous guardrail on other side	M
1213.3(a)(5) 1513.3(a)(5)	Guardrails attached so they cannot be removed without releasing a device	M
1213.3(a)(6) 1513.3(a)(6)	The upper edge shall be no less than 5 inches above top surface	M
1213.3(a)(7) 1513.3(a)(7)	No openings in the structure between lower edge and underside	M
1213.3(b) 1513.3(b)	Bed End Structures	
1213.3(b)(1) 1513.3(b)(1)	The upper edge of end structure shall be at least 5 inches above mattress	M
1213.3(b)(2) 1513.3(b)(2)	No openings in the structure above foundation of the upper bunk that permits passage of the wedge block	M
1213.3(b)(3) 1513.3(b)(3)	Tested in accordance with Section 1213.4(c)	NA
1213.3(b)(4) 1513.3(b)(4)	Neck entrapment requirements of Section 1213.4(c)(3)	NA
1213.5 1513.5	Marking and Labeling	
1213.5(a) 1513.5(a)	Permanent label with name and address, model # and date code	M
1213.5(b) 1513.5(b)	Permanent Warning Label placement	M
1213.6 1513.6	Instructions	
1213.6(a) 1513.6(a)	Size of mattress and foundation	NT
1213.6(b) 1513.6(b)	Safety Warning	-
1213.6(b)(1) 1513.6(b)(1)	Do not allow children under 6 years of age to use the upper bunk	NT



REQUIREMENTS FOR BUNK BEDS (FHSA, Title 16, CFR, Part 1213 & 1513)

Section	Description	Results
1213.6(b)(2) 1513.6(b)(2)	Use guardrails on both sides of the upper bunk	NT
1213.6(b)(3) 1513.6(b)(3)	Prohibit horseplay on or under beds	NT
1213.6(b)(4) 1513.6(b)(4)	Prohibit more than one person on upper bunk	NT
1213.6(b)(5) 1513.6(b)(5)	Use ladder for entering or leaving upper bunk	NT
1213.6(b)(6) 1513.6(b)(6)	If the bed is placed against a wall, use full length guardrail along wall	NT

M = Meet NM = Not Meet NA = Not Applicable R = Refer to Comment Section

STANDARD CONSUMER SAFETY SPECIFICATION FOR BUNK BEDS (ASTM F1427-21e1)

Section	Requirement	Result
4	Performance Requirements	
4.1	Vertical Protrusions	-
4.1.1	Vertical protrusions along the top inside surface	M
4.1.2	Cap used along the top surface of upper bunk	NA
4.2	Fit of Top Bed to Bottom Bed	NA
4.3	Mattress and Foundation Size and Fit (Top Bed)	M
4.4	Mattress Size and Fit (Lower Foundation)	NA
4.5	Upper and Lower Foundation Support Systems	-
4.5.1	Horizontal position of the mattress and the foundation	M
4.5.2	Utilized event cross-members	M
4.5.3	Release of positive fastening devices or use of hand tools	M
4.5.4	Static load for the foundation support system	M
4.6	Side Rails	-
4.6.1	Bolt-On Side Rails	M
4.6.2	Hook-On Side Rails	NA
4.6.3	Side rail attachments	M
4.7	Guardrails	-
4.7.1	Presence of guardrails	M
4.7.2	Requirement of attachment	M
4.7.3	Requirement of height of the upper edge above the sleeping surface	M
4.7.4	Opening of the guardrail	M
4.7.5	Opening between the either end of the guardrail and the bed end structure	M
4.8	Bed Structure	-
4.8.1	The upper edge of the upper bunk end structures	M
4.8.2	Openings in the rigid end structures of the upper bunk	M
4.8.3	Openings in the end structures of the lower bunk	NA
4.8.4	Neck entrapment requirement of all portions of the boundary of any opening of the lower bunk end structure	NA
4.9	Ladders	-
4.9.1	Presence of ladder	M
4.9.2	Dimension requirement of ladder	M
4.9.3	Openings between ladder step and upper bunk boundary	M
4.9.4	Gaps between edge of mattress and interior vertical stile	NA
4.10	Metal beds: frame and fastenings	NA
6	Marking and Labeling	NT
7	Instructional Literature	NT

M = Meet NM = Not Meet NA = Not Applicable NR = Not Required R = Refer to Comment Section



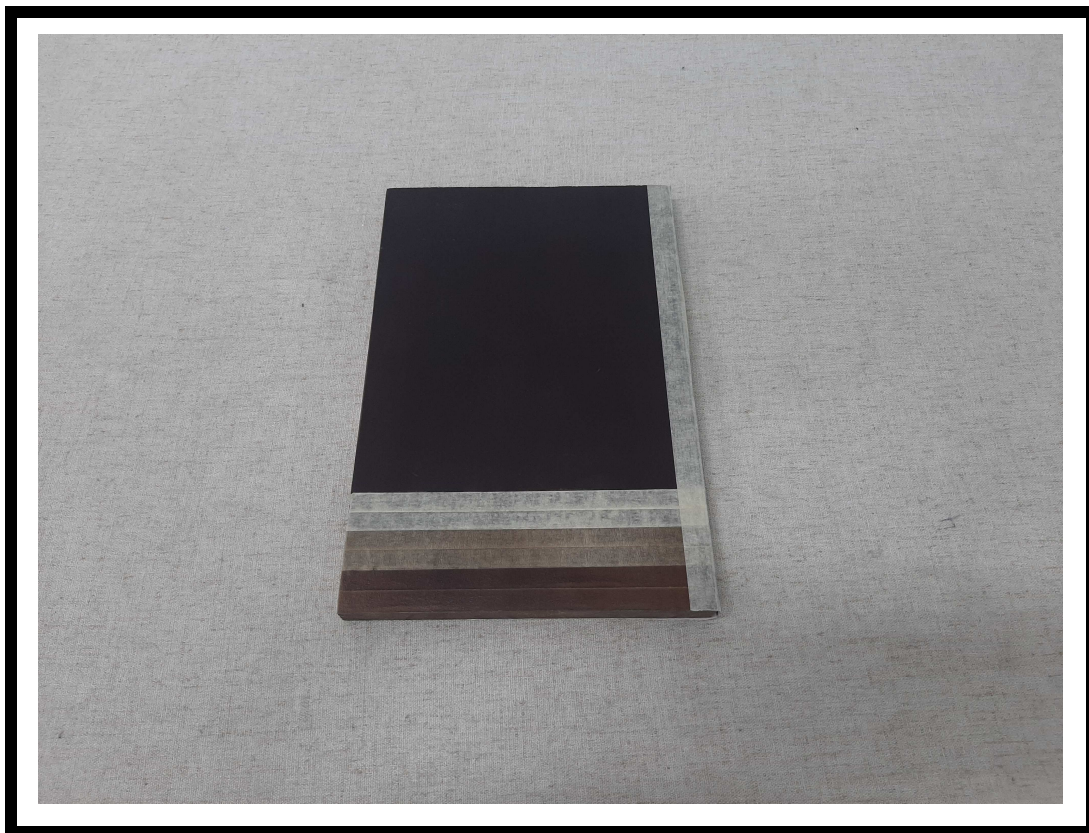




GREY COLOR



ESPRESSO COLOR




LABEL PHOTO

	
<p>CA PROP 65 WARNING LABEL</p>	<p>COUTRY OF ORIGIN LABEL</p>
	
<p>TRACKING LABEL</p>	<p>SAFETY MAXIUM WEIGHT LABEL</p>



WARNING LABEL

334.00 mm

**WARNING**

TO HELP PREVENT SERIOUS OR FATAL INJURIES FROM ENTRAPMENT OR FALLS:

- Never allow a child under 6 years on upper bunk.
- Use only mattress(es) meeting the following specifications on the upper bunk:

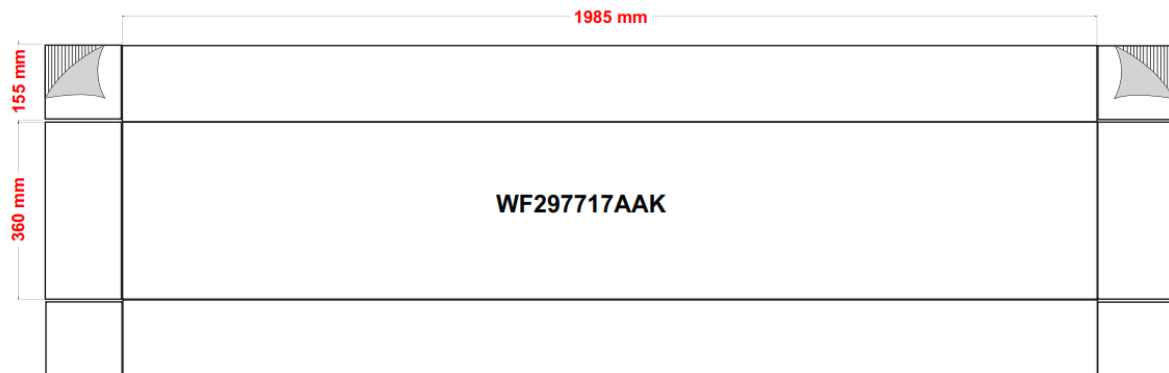
Bed Type	Length	Width
Twin Standard	74" - 75"	38 ½"

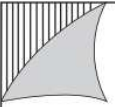









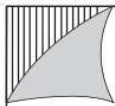
- Ensure thickness of mattress does not exceed 6" and mattress is at least 5" below upper edge of guardrails.
- Use guardrails on both sides of upper bunk.
- Prohibit horseplay on or under bed(s).
- Prohibit more than one person on upper bunk.
- Use ladder for entering and leaving upper bunk.

STRANGULATION HAZARD -Never attach or hang items to any part of the bunk bed that are not designed for use with the bed example, but not limited to hooks, belts and jump ropes.

DO NOT REMOVE THIS LABEL

57.00 mm



<p>250 mm</p> 		
<p>490 mm</p>  <p>ITEM: TWIN BED WITH STAIRCASE DRAWERS COLOR: WHITE MODEL: WF297718AAK BOX: 2 OF 3 MADE IN VIETNAM</p>  <p>FRONT</p>	 <p>ITEM: TWIN BED WITH STAIRCASE SHELF AND DRAWERS - WHITE WF297718AAK BOX: 2 OF 3</p> <p>Important Please open carefully. Remove all screws and washers from original location. Do not open with knife.</p>  <p>FRONT</p>  <p>FRONT</p> <p>ITEM: TWIN BED WITH STAIRCASE DRAWERS COLOR: WHITE MODEL: WF297718AAK BOX: 2 OF 3 MADE IN VIETNAM</p>	 <p>FRONT</p> <p>ITEM: TWIN BED WITH STAIRCASE DRAWERS COLOR: WHITE MODEL: WF297718AAK BOX: 2 OF 3 MADE IN VIETNAM</p>
	 	
<p>245 mm</p> 	<p>1490 mm</p>	
<p>480 mm</p>	<p>WF297718AAK</p>	

