



**BUREAU
VERITAS**

Technical Report: **96250390391**
Date Received:

FEBRUARY 08, 2025

FEBRUARY 15, 2025
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DAI VIET CO., LTD
NO.276/19/13 TRAN HUNG DAO STRET, DONG B QUARTER, DONG HOA WARD, DI AN CITY, BINH DUONG
PROVINCE, VIETNAM

Sample Description:	TWIN BED WITH SLIDE
Vendor:	DAI VIET CO., LTD
Manufacturer:	DAI VIET CO., LTD
Buyer:	/
Agent:	/
Labeled Age Grade:	/
Appropriate Age Grade:	/
Client Specified Age Grade:	/
Tested Age Grade:	/
UPC Code:	/
Phase of Production:	/
Color:	GREY, WHITE
Program:	/
Previous No:	96243230277
Sample Size:	/
VPN:	/
SKN/SKU No.:	WF314220/21
PO No.:	V218VDY20241205WM
Ref #:	/
Country of Origin:	VIETNAM
Assortment No.:	/
Department No.:	/
Item#:	/
Date of Production:	/
Model/Style#:	/
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 Total Lead Content	X				
16 CFR 1213 Bunk Beds	X				
16 CFR 1513 Requirements for Bunk Beds	X				
ASTM F1427-21e1 Bunk Beds	X				

Note(s):

- The Chemical test following reports listed:

No.	Tested component:	Chemical test	Reference report
I001	White Coating/Wood	Lead	96241420405

- This report includes the test result(s) which was conducted & reviewed by Analytical department.



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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



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SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	Grey Coating/ Wood	Coating	-
I002	White Coating/ Wood (Slide)	Coating	-
I003	Multicolor Coating/ CA Prop 65 Label	Coating	-
I004	Black/ White Overlapping Coating/ Tracking Label	Coating	-
I005	Black/ White Overlapping Coating/ Made In VN Label	Coating	-
I006	White/ Yellow/ Red Overlapping Coating/ Maximum Weight	Coating	-
I007	Yellow/ Black Overlapping Coating/ Warning Label (Bunk Bed)	Coating	-
I008	White/ Black/ Orange Overlapping Coating/ Warning Label On Slide	Coating	-
I009	Silver Bolt	Metal	-
I010	Silver Barrel Nut	Metal	-
I011	Silver Hook	Metal	-
I012	Silver Screw	Metal	-
I013	Yellow Screw	Metal	-
I014	MDF	Wood	-
I015	Plywood	Wood	-

Note(s):

- This report includes the test result(s) which was conducted & reviewed by Analytical department.



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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		
Test Item(s)	Unit	Result		
Parameter	-	I001+I002+I006	I007+I008	I003+I004+I005
Total Lead (Pb)	mg/kg	ND	ND	ND
Conclusion	-	PASS	PASS	PASS

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.
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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					
Test Item(s)	Unit	Result					
		I009	I010	I011	I012	I013	I014+I015
Parameter	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND
Conclusion	-	PASS	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.



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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+I006	I007+I008	I003+I004+I005	
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS

	Unit	Result					
Test Item(s)	-	I009	I010	I011	I012	I013	I014+I015
Parameter	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND
Conclusion	-	PASS	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



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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	M
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	M



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

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



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RESULT(S):

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	M
7	Instructional Literature	M

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WHITE COLOR





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LABEL PHOTO

CA PROP 65 LABEL 	COUNTRY OF ORIGIN LABEL
SAFETY MAXIMUM WEIGHT LABEL 	TRACKING LABEL
WARNING LABEL - SLIDE	



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WARNING LABEL – BUNK BED

