



BUREAU
VERITAS

Technical Report:

Date Received: NOVEMBER 27, 2024

DECEMBER 20, 2024

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GIGACLOUD TECHNOLOGY(USA) INC.
4388 SHIRLEY AVENUE EL MONTE, CA 91731

Sample Description:	TWIN SIZE BUNK BED WITH DESK	Sample Size:	/
Vendor:	GIGACLOUD TECHNOLOGY(USA) INC.	VPN:	/
Manufacturer:	GIGACLOUD TECHNOLOGY(USA) INC.	SKN/SKU No.:	/
Buyer:	GIGACLOUD TECHNOLOGY(USA) INC.	PO No.:	ALL PO
Agent:	/	Ref #:	/
Labeled Age Grade:	/	Country of Origin:	VIETNAM
Appropriate Age Grade:	/	Assortment No.:	/
Client Specified Age Grade:	/	Department No.:	/
Tested Age Grade:	/	Item#:	WF311389/ WF311390/ WF311391
UPC Code:	/	Date of Production:	/
Phase of Production:	PRODUCTION	Model/Style#:	/
Color:	/	Country of Destination:	USA
Program:	/		
Previous No:	/		

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				
Sharp points and Sharp edges	X				
15 U.S.C. § 2063(a)(5), Tracking label for children's products	X				

Note(s):

- 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/ Wooden Frame	Coating	-
I002	Black/ Yellow Overlapping Coating/ Warning Labels, Tracking Label	Coating	-
I003	Yellow/ Red Overlapping Coating/ Safety Weight Label & CA Prop 65 Warning Label	Coating	-
I004	MDF	Wood	-
I005	Plywood	Wood	-
I006	White Plastic/ Caster	Hard Plastic	-
I007	Off White Plastic/ Door Catch	Hard Plastic	-
I008	Silver Metal/ Bolt	Metal	-
I009	Silver Metal/ Barrel Nut	Metal	-
I010	Silver Metal/ Flat Head Screw	Metal	-
I011	Silver Metal/ Round Head Screw	Metal	-
I012	Silver Metal/ Big Screw	Metal	-
I013	Silver Metal/ Door Catch	Metal	-
I014	Silver Metal/ Strike Plate	Metal	-
I015	Silver Metal/ Frame Of Caster	Metal	-
I016	Silver Metal/ Rivet Of Frame Of Caster	Metal	-
I017	Silver Metal/ Cap Nut	Metal	-
I018	Yellow Metal/ Flat Head Screw	Metal	-



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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
	-	I001+I002+I003
Parameter	-	-
Total Lead (Pb)	mg/kg	ND
Conclusion	-	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					
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Test Item(s)	Unit	Result					
		I004+I005	I006+I007	I008	I009	I010	I011
Parameter	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS	PASS

Test Item(s)	Unit	Result						
		I012	I013	I014	I015	I016	I017	I018
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND
Conclusion	-	PASS	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+I003	I004+I005	I006+I007	I008
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
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Result				
Test Item(s)	-	I014	I015	I016	I017	I018
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



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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
1213.6(b)(2) 1513.6(b)(2)	Use guardrails on both sides of the upper bunk	M



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Section	Description	Results
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	M
4.3	Mattress and Foundation Size and Fit (Top Bed)	M
4.4	Mattress Size and Fit (Lower Foundation)	M
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	M
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	M
4.10	Metal beds: frame and fastenings	NA
6	Marking and Labeling	M
7	Instructional Literature	M

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RESULT(S):

Evaluation	Citation / Method	Test procedure	Results	Rating
Sharp points and sharp edges	16 CFR 1500.48 16 CFR 1500.49	Items intended for children under 8 years of age shall not have accessible, potentially hazardous sharp points, sharp edge before or after use and abuse testing	M	PASS
Tracking Label For Children's Product	15 U.S.C. § 2063(a)(5)	A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product. Verified the presence only. The accuracy of tracking label will not be verified. Note: Manufacturer or Private Labeler name can not be coded.	M	PASS

Results Key:

M	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
C	Claimed	R	Recorded



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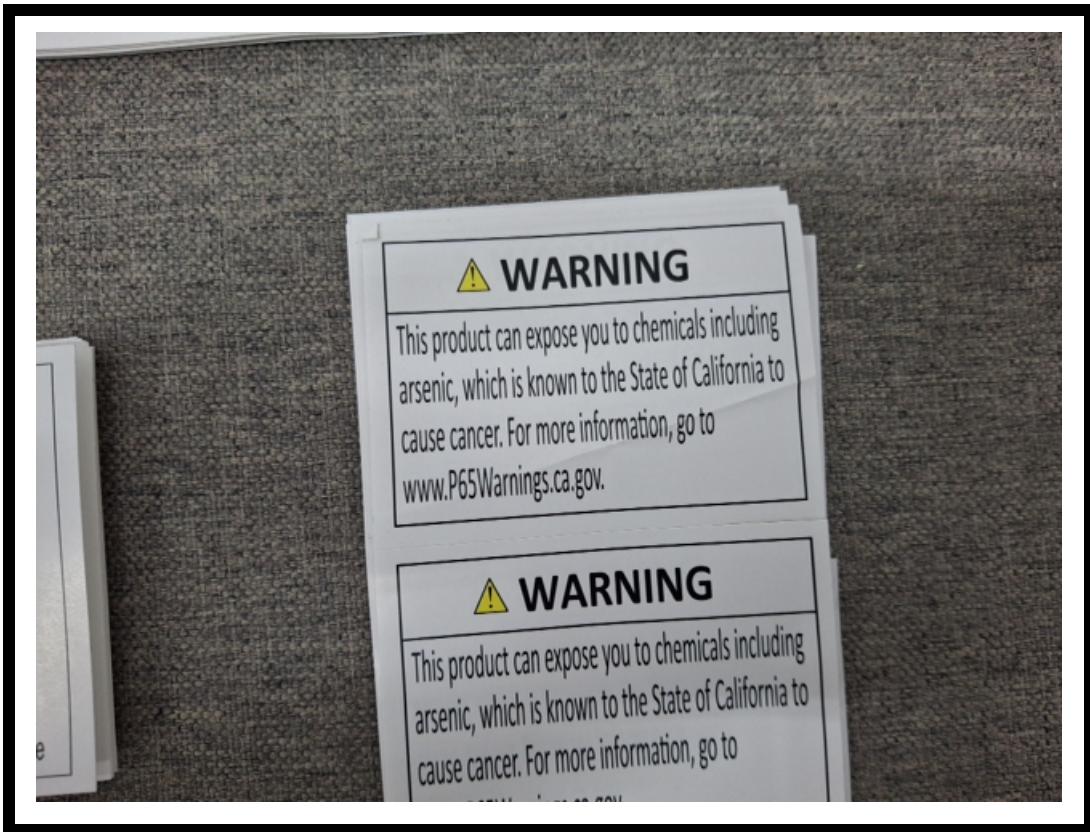




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CA PROP 65 WARNING LABEL

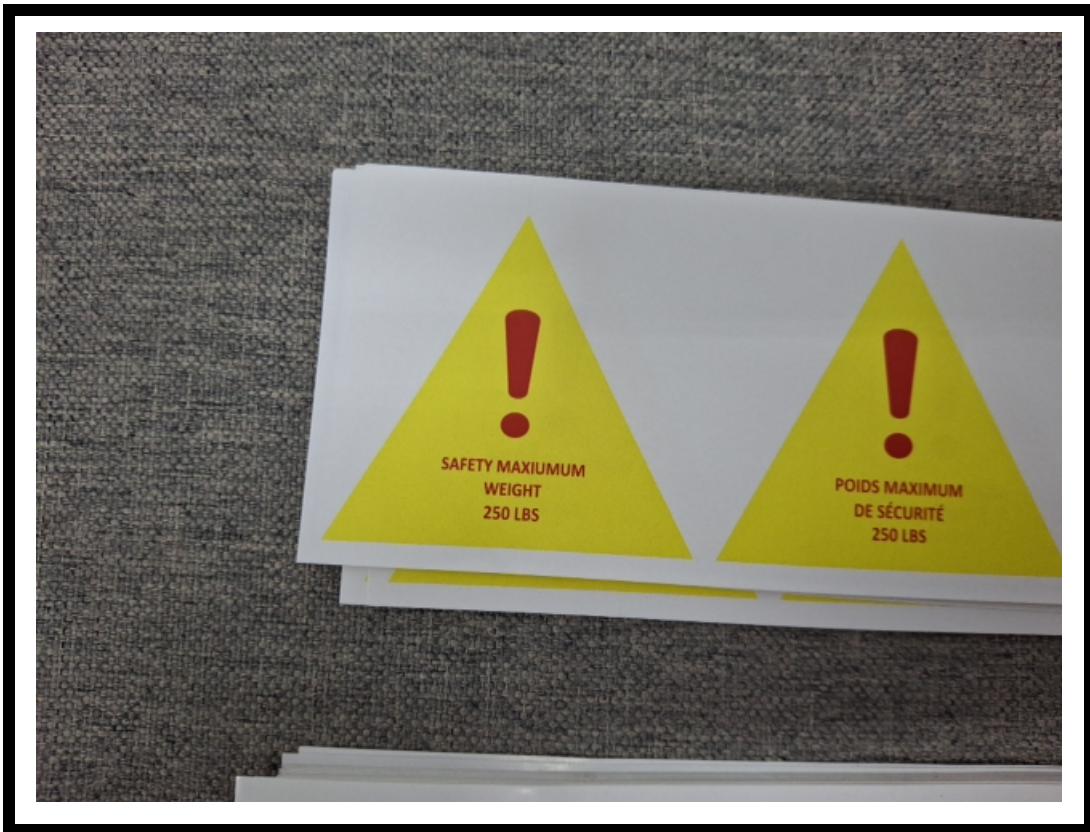




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SAFETY MAXIMUM WEIGHT LABEL





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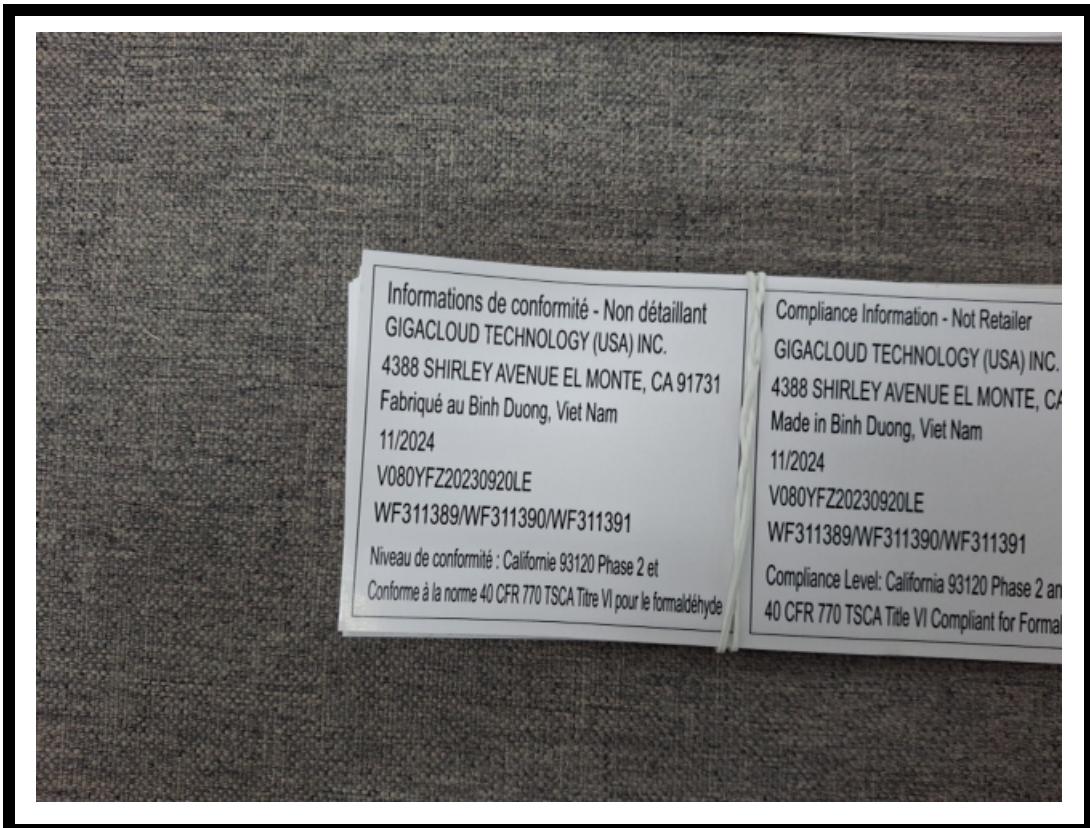
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TRACKING LABEL





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WARNING LABEL





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CARTON

This image shows the retail packaging for a twin size bunk bed with a desk. The main box is white with black text and features a QR code. A smaller inner box is visible at the top left. The product name 'WF311389AAK' is prominently displayed in large letters. The box includes instructions: 'NE PAS COUPER AVEC UN COUTEAU/DO NOT CUT WITH SHARP KNIFE', 'NE PAS COUPER AVEC UN COUPEUR/DO NOT CUT WITH SCISSORS', and 'NE PAS COUPER AVEC UN COUTEAU/DO NOT CUT WITH KNIFE'. It also specifies 'NE PAS COUPER AVEC UN COUTEAU/DO NOT CUT WITH KNIFE' and 'NE PAS COUPER AVEC UN COUPEUR/DO NOT CUT WITH SCISSORS'. The box indicates 'WEIGHT: 69.1 LBS / Poids: 31.5 kg' and 'SIZE: 77.94 X 59.1 X 65.0 INCHES / Dimensions: 196.5 X 150 X 165 CM'. A red warning label on the side of the box says 'AVERTISSEMENT: RISQUE D'ÉTRANGLEMENT. Attention : Risque d'étouffement si l'enfant met la tête dans l'ouverture entre les deux lits. Ne pas utiliser pour un enfant de moins de 3 ans.' Below the box is a red warning label: 'DO NOT CUT OPEN WITH SHARP KNIFE / TOOL. NE PAS COUPER AVEC UN COUTEAU/DO NOT CUT WITH SHARP KNIFE / TOOL. NE PAS COUPER AVEC UN COUPEUR/DO NOT CUT WITH SCISSORS. NE PAS COUPER AVEC UN COUTEAU/DO NOT CUT WITH KNIFE'. To the right of the box are four small red warning labels: 'AVERTISSEMENT: RISQUE D'ÉTRANGLEMENT. Attention : Risque d'étouffement si l'enfant met la tête dans l'ouverture entre les deux lits. Ne pas utiliser pour un enfant de moins de 3 ans.', 'AVERTISSEMENT: RISQUE D'ÉTRANGLEMENT. Attention : Risque d'étouffement si l'enfant met la tête dans l'ouverture entre les deux lits. Ne pas utiliser pour un enfant de moins de 3 ans.', 'AVERTISSEMENT: RISQUE D'ÉTRANGLEMENT. Attention : Risque d'étouffement si l'enfant met la tête dans l'ouverture entre les deux lits. Ne pas utiliser pour un enfant de moins de 3 ans.', and 'AVERTISSEMENT: RISQUE D'ÉTRANGLEMENT. Attention : Risque d'étouffement si l'enfant met la tête dans l'ouverture entre les deux lits. Ne pas utiliser pour un enfant de moins de 3 ans.'. A red arrow points to the bottom right of the box, and another red arrow points to the bottom left of the box. A red arrow also points to the top right of the box.



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280	<p>WF311390AAK</p>	280
535	<p>7.4</p> <p>21</p> <p>ITEM: TWIN SIZE BUNK BED WITH DESK - WHITE ARTICLE : LIT SUPERPOSÉ TAILLE TWIN AVEC BUREAU - BLANC</p> <p>WF311390AAK</p> <p>BOX : 2 OF 3 ENCADRÉ : 2 DE 3</p> <p>You must read and understand the assembly instruction sheet packed in the carton before you start to assemble. Vous devez lire et comprendre la feuille d'instructions de montage emballée dans le carton avant de commencer à assembler.</p> <p>Sets often ship in multiple boxes and may arrive a day or two apart. Les ensembles sont souvent expédiés dans plusieurs boîtes et peuvent arriver avec un ou deux jours d'intervalle.</p> <p>WF311390AAK</p>	535
280	<p>1455</p> <p>WF311390AAK</p> <p>P.O.NO. / P.O.NUMERO: V460YFZ20240131LE COLOR/COULEUR : WHITE / BLANC QTY/QTE: 1 SET</p> <p>N.W. : 86.9 LBS G.W. : 92.4 LBS MEAS / MESURE : 57.68 X 22.44 X 11.22 INCH MADE IN VIETNAM FABRIQUÉ EN VIETNAM</p> <p>DO NOT CUT OPEN WITH SHARP KNIFE / TOOL. NE PAS COUPER AVEC UN COUTEAU AIGU / BIEN AGUISE</p> <p>WF311390AAK</p>	280



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