



BUREAU
VERITAS

Technical Report:

96241840278

Date Received:

JULY 02, 2024

JULY 20, 2024

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ZHIAO VIET NAM COMPANY LIMITED

PLOT NO. 713, MAP SHEET NO. 45, GROUP 5, KHANH TAN QUARTER, KHANH BINH WARD, TAN UYEN CITY, BINH DUONG PROVINCE, VIETNAM (POST CODE: 75412)

Sample Description:	LOFT BED	Sample Size:	/
Vendor:	ZHIAO VIET NAM COMPANY LIMITED	VPN:	/
Manufacturer:	ZHIAO	SKN/SKU No.:	N737P199652B&
Buyer:	GIGACLOUD TECHNOLOGY(USA) INC		N737P199653B
			N737P199652K&
			N737P199653K
Agent:	/	PO No.:	/
Labeled Age Grade:	/	Ref #:	/
Appropriate Age Grade:	/	Country of Origin:	VIET NAM
Client Specified Age Grade:	/	Assortment No.:	/
Tested Age Grade:	/	Department No.:	/
UPC Code:	/	Item#:	/
Phase of Production:	PRODUCTION	Date of Production:	/
Color:	BLACK WHITE		
Program:	/	Model/Style#:	2303-US-LE-174-FULL
Previous No:	N/A	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				
16 CFR 1213 Bunk Beds	X				
16 CFR 1513 Requirements for Bunk Beds	X				
ASTM F1427-21e1 Bunk Beds		X			See below
16 CFR 1500.48/16 CFR 1500.49 (Modify), Sharp points and sharp edges	X				

Failure Reason(s):

- ASTM F1427-21e1 Section 4.9.3: The opening between the ladder step and the upper bunk boundary was allowed complete passage of the wedge block, but was not permitted the free passage of the 9 in. (229 mm) diameter rigid sphere. (Please see exhibit 1-4).



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Note(s):

- The Chemical test following reports listed:

No.	Tested component:	Chemical test	Reference report	Report issued date
(1)	White Coating/ Metal Frame & Tube	Lead	96233550407	January 08, 2024
(2)	Black Coating/ Metal Frame & Tube			

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

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

Administrative inquiries, please contact:

Primary Contact: Elise Vo, Tel: 84-028-37421-604 ~ 6, Ext: 394; email: elise.vo@bureauveritas.com

Back-up Contact: Cynthia Vuong, Tel: 848-37421-604 ~ 6, Ext: 641; email: cynthia.vuong@bureauveritas.com

Technical inquiries, please contact:

Primary Contact: Terry Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 355; email: terry.nguyen@bureauveritas.com

Back-up Contact: Louis Tran, Tel: 84-028-37421-604 ~ 6, Ext: 339; email: louis.tran@bureauveritas.com

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	No Coating/ Silver Hardware	-	-
I002	Silver Bolt	Metal	-
I003	Silver Round Head Screw	Metal	-
I004	Weld	Metal	-
I005	White Frame	Metal	-
I006	White Mesh	Metal	-
I007	White Round Tube	Metal	-
I008	White Shelf Support	Metal	-
I009	Black/ Yellow Coating/ Warning Label	Coating	-
I010	Red/ Yellow Coating/ Maximum Weight Label	Coating	-
I011	Black/ White Coating/ Tracking Label	Coating	-
I012	Multicolor Coating/ CA Prop.65 Label	Coating	-
I013	Red Coating/ Country Of Origin Label	Coating	-
I014	No Coating/ Shelf Sheet	-	-
I015	Plastic Edge Banding	Soft Plastic	-
I016	Grey Fabric	Textile	-
I017	Black Fabric/ Zipper Tape Set	Textile	-
I018	Black Plastic/ Zipper Teeth Set	Hard Plastic	-
I019	Black Coating/ Zipper Head Set	Coating	-
I020	Silver Metal/ Zipper Head Set	Metal	-
I021	White Plastic/ Box Of Led Light Set	Hard Plastic	-
I022	White Plastic With Blue Print/ Cover Wire Of Led Light Set	Soft Plastic	-
I023	White Plastic/ Cover Cord Of Led Light Set	Soft Plastic	-
I024	Black Plastic/ Cover Wire Of Led Light Set	Soft Plastic	-
I025	Red Plastic/ Cover Wire Of Led Light Set	Soft Plastic	-
I026	Blue Plastic/ Cover Wire Of Led Light Set	Soft Plastic	-
I027	Green Plastic/ Cover Wire Of Led Light Set	Soft Plastic	-
I028	Black Plastic/ Cover Cord Of Led Light Set	Soft Plastic	-
I029	Black Plastic/ Ac/ Dc Box Adapter Set	Hard Plastic	-
I030	Black Plastic/ Cord Of Adapter Set	Soft Plastic	-
I031	Black Plastic/ Plug Of Adapter Set	Soft Plastic	-
I032	Shiny Black Plastic/ Socket Of Power Socket With USB Charger	Hard Plastic	-
I033	Black Plastic/ Cord Of Power Socket With USB Charger	Soft Plastic	-
I034	Black Plastic/ Plug Of Power Socket With USB Charger	Soft Plastic	-
I035	Black Plastic/ Cap Under Power Socket With USB Charger	Hard Plastic	-
I036	Silver Plastic/ Info Label Of Power Socket With USB Charger	Soft Plastic	-
I037	Black Plastic/ Body Remote	Hard plastic	-
I038	Transparent Plastic/ Led Remote	Hard plastic	-
I039	White Plastic With Transparent Plastic With Multicolor Coating And Glue/ Screen Remote	Soft plastic	-
I040	Black coating/ Law label	Coating	-



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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)	-	I001	I009	I010	I011

-	Unit	Result			
Test Item(s)	-	I001	I009	I010	I011
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	-	ND	ND	ND
Conclusion	-	NA	PASS	PASS	PASS

-	Unit	Result			
Test Item(s)	-	I012	I014	I019	I040
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	-	ND	ND
Conclusion	-	PASS	NA	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						
		I002	I003	I004	I005	I006	I007	I008
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND

Test Item(s)	Unit	Result						
		I018	I021	I022	I023	I024	I025	I026
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND

Test Item(s)	Unit	Result						
		I027	I028	I029	I030	I031	I032	I033
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	19	56	ND	ND

Test Item(s)	Unit	Result						
		I034	I035	I036	I016	I017	I020	
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	-	-	-	16

Test Item(s)	Unit	Result						
		I037	I038	I039				
Parameter	-	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	-	-	-	16

Note / Key :

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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 :



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- 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			
---------------------------	--	-----------	--	--	--

-	Unit	Result			
Test Item(s)	-	I001	I009	I010	I011
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	-	ND	ND	ND
Conclusion	-	NA	PASS	PASS	PASS

-	Unit	Result			
Test Item(s)	-	I012	I014	I019	I040
Parameter	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	-	ND	ND
Conclusion	-	PASS	NA	PASS	PASS

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

-	Unit	Result				
Test Item(s)	-	I018	I021	I022	I023	I024
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Result				
Test Item(s)	-	I027	I028	I029	I030	I031
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	19	56
Conclusion	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Result				
Test Item(s)	-	I034	I035	I036	I016	I017
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	-	-
Conclusion	-	PASS	PASS	PASS	NA	NA

-	Unit	Result				
Test Item(s)	-	I037	I038	I039		
Parameter	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	16	16
Conclusion	-	PASS	PASS	PASS	PASS	PASS

Note / Key :



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ND = Not detected

NA = Not applicable

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

Detection Limit (mg/kg) : 10

> = Greater than

10000 mg/kg = 1 %

% = percent

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
1213.6(b)(2) 1513.6(b)(2)	Use guardrails on both sides of 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)(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	NM
4.9.4	Gaps between edge of mattress and interior vertical stile	NA
4.10	Metal beds: frame and fastenings	M
6	Marking and Labeling	M
7	Instructional Literature	M

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



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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 (Modify)	Shall not have accessible, potentially hazardous sharp point and/ or sharp edge before or after use and abuse testing. Modify: Expands scope to all children products.	M	PASS

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section



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BLACK





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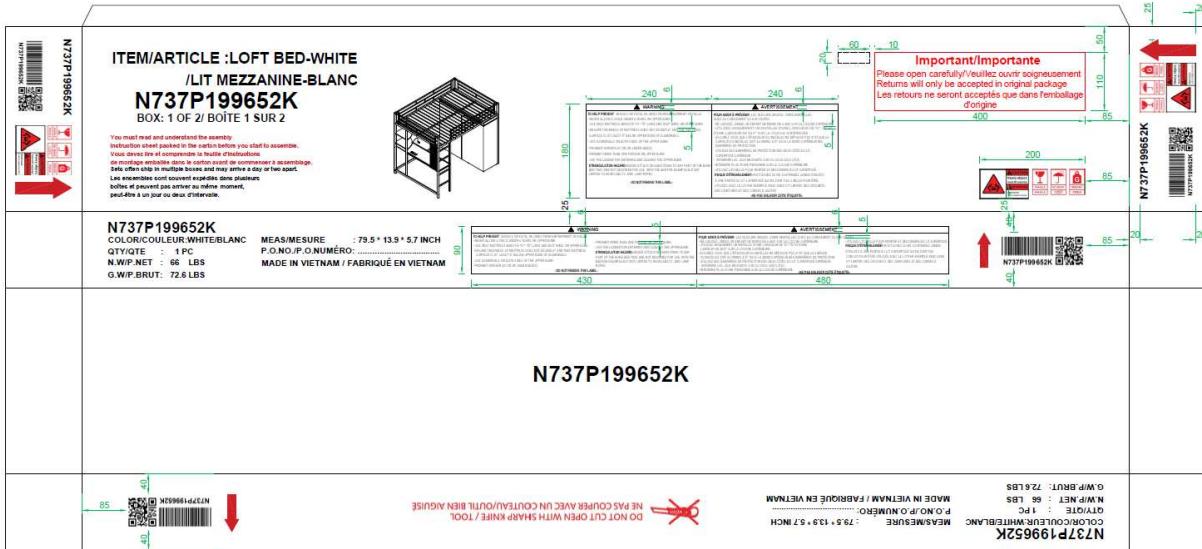
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CARTON LAYOUT





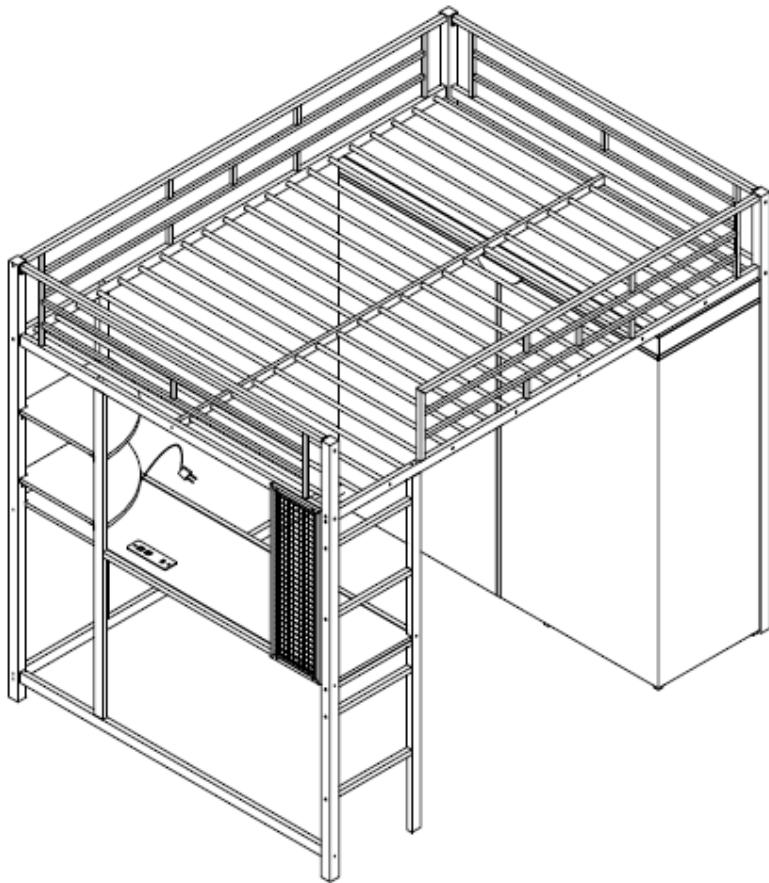
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**ITEM/ARTICLE :LOFT BED-WHITE
/LIT MEZZANINE-BLANC**

N737P199652K

BOX: 1 OF 2/ BOÎTE 1 SUR 2



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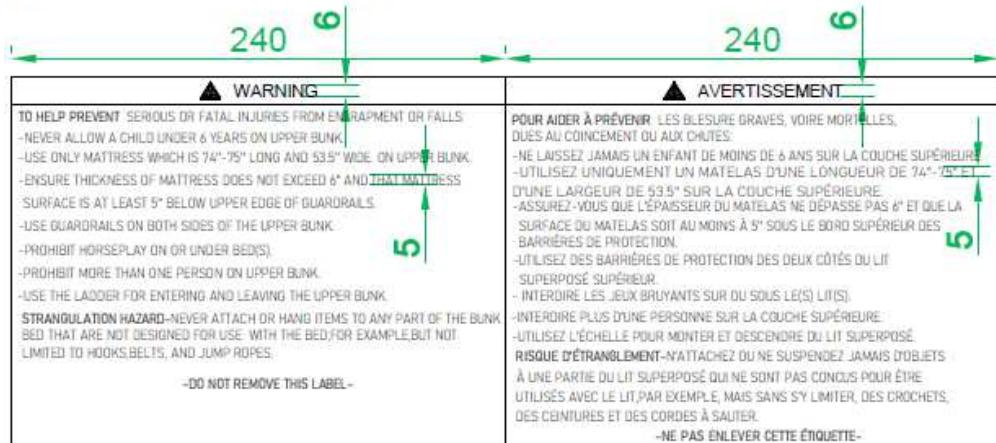
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You must read and understand the assembly instruction sheet packed in the carton before you start to assemble.
Vous devez lire et comprendre la feuille d'instructions de montage emballée dans le carton avant de commencer à assemblage.
Sets often ship in multiple boxes and may arrive a day or two apart.
Les ensembles sont souvent expédiés dans plusieurs boîtes et peuvent pas arriver au même moment, peut-être à un jour ou deux d'intervalle.



N737P199652K

COLOR/COULEUR:WHITE/BLANC
 QTY/QTE : 1 PC
 N.W/P.NET : 66 LBS
 G.W/P.BRUT: 72.6 LBS

MEAS/MESURE : 79.5 * 13.9 * 5.7 INCH
 P.O.NO./P.O.NUMÉRO:
 MADE IN VIETNAM / FABRIQUÉ EN VIETNAM

Important/Importante
 Please open carefully/Veuillez ouvrir soigneusement
 Returns will only be accepted in original package
 Les retours ne seront acceptés que dans l'emballage d'origine



DO NOT CUT OPEN WITH SHARP KNIFE / TOOL
NE PAS COUPER AVEC UN COUTEAU/OUTIL BIEN AIGUISÉ



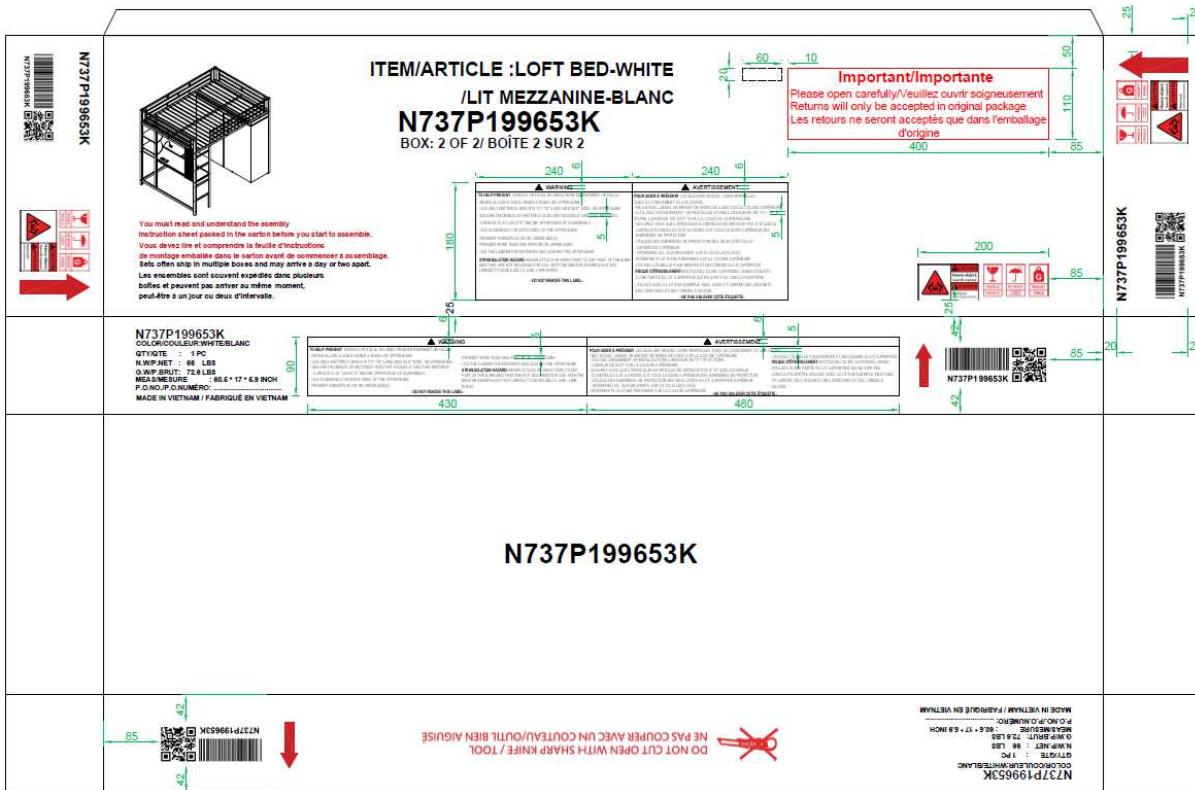
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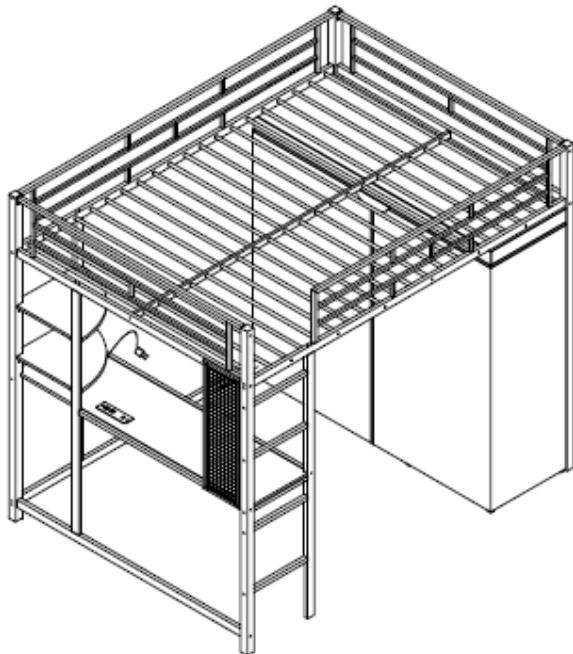
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**ITEM/ARTICLE :LOFT BED-WHITE
/LIT MEZZANINE-BLANC**

N737P199653K

BOX: 2 OF 2/ BOÎTE 2 SUR 2

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 assemblage.
Sets often ship in multiple boxes and may arrive a day or two apart.
Les ensembles sont souvent expédiés dans plusieurs
boîtes et peuvent pas arriver au même moment,
peut-être à un jour ou deux d'intervalle.



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Important/Importante

Please open carefully/Veuillez ouvrir soigneusement
Returns will only be accepted in original package

Les retours ne seront acceptés que dans l'emballage
d'origine

400

110

Les ensembles de boîtes peuvent être



N737P199653K
COLOR/COULEUR:WHITE/BLANC

QTY/QTE : 1 PC

N.W/P.NET : 66 LBS

G.W/P.BRUT: 72.6 LBS

MEAS/MESURE : 60.5 * 17 * 5.9 INCH

P.O.NO./P.O.NUMÉRO:

MADE IN VIETNAM / FABRIQUÉ EN VIETNAM



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WARNING LABEL





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CA PROP.65 LABEL



LABEL ON POWER SOCKET - USB CHARGER



LAW LABEL & TB117 LABEL



MAXIMUM WEIGHT LABEL & COUNTRY OF ORIGIN LABEL



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TRACKING LABEL



Informations de conformité - Pas le détaillant
GIGACLOUD TECHNOLOGY(USA) INC.
4388 SHIRLEY AVENUE EL MONTE, CA 91731
Fabriqué en Binh Duong, Vietnam

...../20
N737P199652/N737P199653
PO:

Conforme au Titre VI de la TSCA
Conforme à la norme California 93120 Phase 2
pour le formaldéhyde

Compliance Information - Not Retailer
GIGACLOUD TECHNOLOGY(USA) INC.
4388 SHIRLEY AVENUE EL MONTE, CA 91731
Made in Binh Duong, Viet Nam

...../20
N737P199652/N737P199653
PO:

TSCA Title VI Compliant
California 93120 Phase 2 Compliant
for Formaldehyde



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FAILURE PHOTO



EXHIBIT 1



EXHIBIT 2



EXHIBIT 3



EXHIBIT 4