



**Technical Report:** 96251300592  
**Date Received:** MAY 13, 2025

MAY 14, 2025  
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GIGACLOUD TECHNOLOGY (USA) INC  
4388 SHIRLEY AVENUE, EL MONTE, CALIFORNIA, 91731 UNITED STATES.

Sample Description:	TWIN OVER TWIN BUNK BED WITH ROOF, WINDOW, LADDER		
Vendor:	GIGACLOUD	Sample Size:	/
	TECHNOLOGY (USA) INC		
Manufacturer:	TP WOOD CO.,LTD	VPN:	/
Buyer:	GIGACLOUD	SKN/SKU No.:	N708P296397N/97E,
	TECHNOLOGY (USA) INC		N708P296398N/98E
Agent:	/		/
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	VIETNAM
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	PRODUCTION	Item#:	/
Color:	NATURAL & WHITE	Date of Production:	/
Program:	/	Model/Style#:	TWIN OVER TWIN BUNK
			BED WITH ROOF,
			WINDOW, LADDER
Previous No:	96251140445	Country of Destination:	UNITED STATES

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				
16 CFR 1500.48 & 16 CFR 1500.49, 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**

**SAMPLE DESCRIPTION ASSIGNED BY LABORATORY**

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	White coating (Color panel)	Coating	-
I002	Natural Coating (Body)	Coating	-
I003	Yellow Metal (Barrel Nut)	Metal	-
I004	Yellow Metal (Bolt)	Metal	-
I005	MDF	Wood	-
I006	Yellow Metal (Screw)	Metal	-
I007	Yellow Metal (Bracket)	Metal	-
I008	Plywood	Wood	-
I009	Yellow/ Black/ White Coating (Warning Label)	Coating	-
I010	Yellow/ Black/ Red/ White Coating (Warning Label)	Coating	-
I011	Yellow/ Red/ White Coating (Maximum Label)	Coating	-
I012	Black/ White Coating (Country Label)	Coating	-
I013	Black/ White Coating (Tracking Label)	Coating	-



### TEST RESULT

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**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**

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

<b>Maximum Allowable Limit :</b>	<b>90 mg/kg</b>
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-	Unit	Result	
<b>Test Item(s)</b>	-	I009+I010+I011	I012+I013
<b>Parameter</b>	-	-	-
Total Lead (Pb)	mg/kg	ND	ND
<b>Conclusion</b>	-	PASS	PASS

Individual Result			
-	Unit	Result	
<b>Test Item(s)</b>	-	I001	I002
<b>Parameter</b>	-	-	-
Total Lead (Pb)	mg/kg	ND	ND
<b>Conclusion</b>	-	PASS	PASS

Note / Key :

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

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

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**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).

<b>Maximum Allowable Limit :</b>		<b>100 mg/kg</b>				
-	<b>Unit</b>	<b>Result</b>				
<b>Test Item(s)</b>	-	I003	I004	I005+I008	I006	I007
<b>Parameter</b>	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	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  
Reporting 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**

<b>Maximum Allowable Limit :</b>	<b>100 mg/kg</b>
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-	Unit	Result	
<b>Test Item(s)</b>	-	I009+I010+I011	I012+I013
<b>Parameter</b>	-	-	-
Total Lead (Pb)	mg/kg	ND	ND
<b>Conclusion</b>	-	PASS	PASS

**Individual Result**

-	Unit	Result	
<b>Test Item(s)</b>	-	I001	I002
<b>Parameter</b>	-	-	-
Total Lead (Pb)	mg/kg	ND	ND
<b>Conclusion</b>	-	PASS	PASS

-	Unit	Result				
<b>Test Item(s)</b>	-	I003	I004	I005+I008	I006	I007
<b>Parameter</b>	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND
<b>Conclusion</b>	-	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)	M
1213.3(b)(4) 1513.3(b)(4)	Neck entrapment requirements of Section 1213.4(c)(3)	M
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



**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*



**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	M
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	NA
4.10	Metal beds: frame and fastenings	NA
6	Marking and Labeling	M
7	Instructional Literature	M

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



**RESULT(S):**

Evaluation	Citation / Method	Test procedure	Results	Rating
Tracking Label For Children's Product	15 U.S.C. § 2063(a)(5), Tracking label for children's products	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
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

**Results Key:**

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



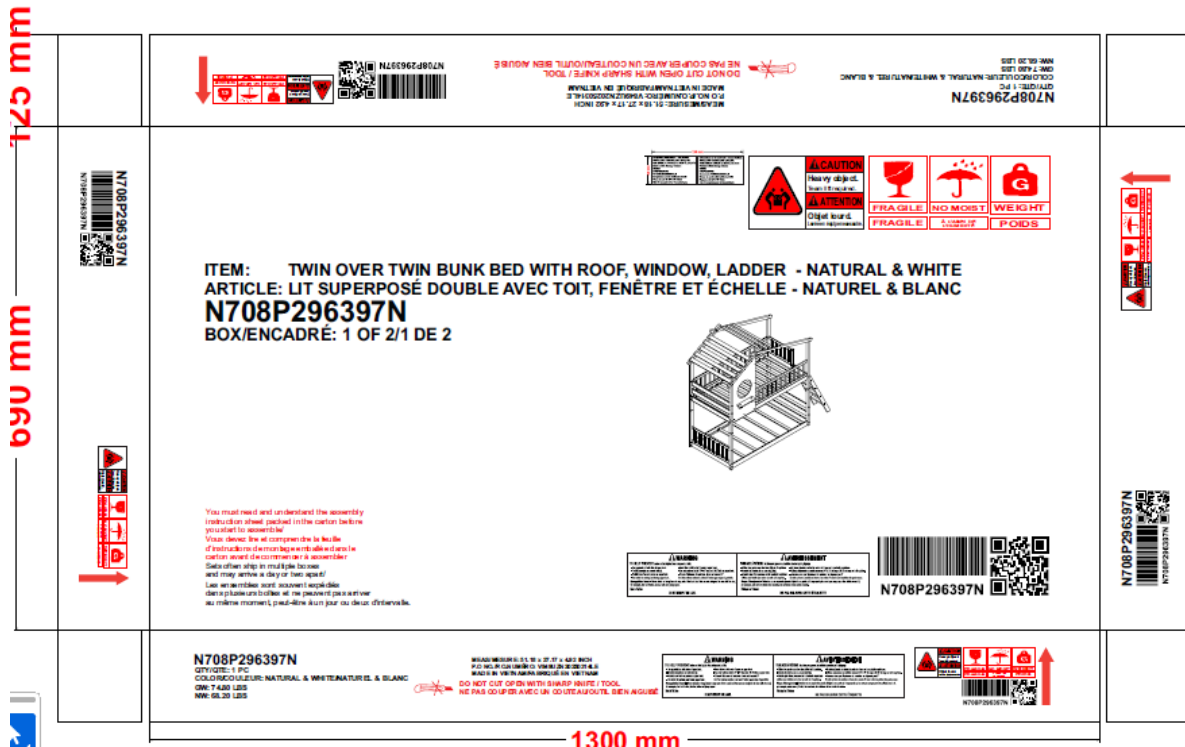
**NATURAL COLOR**

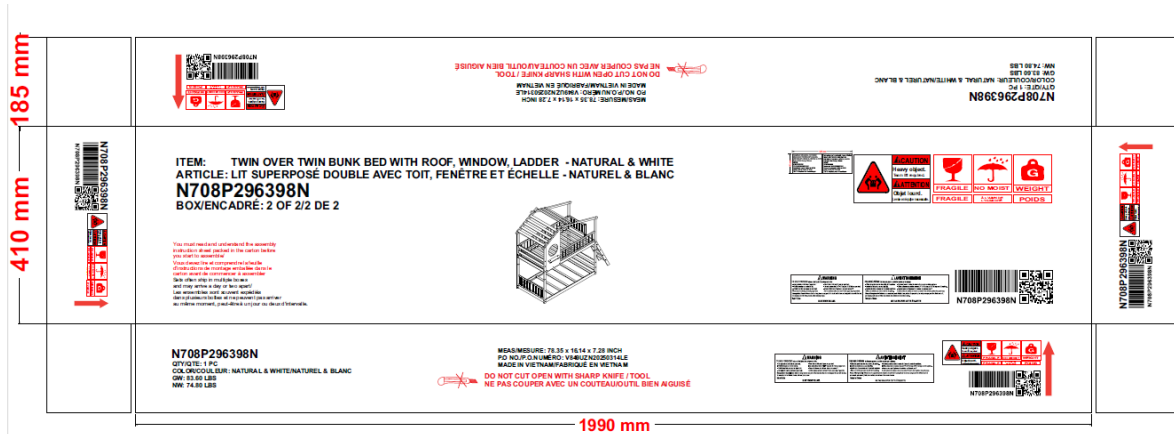


**WHITE COLOR**



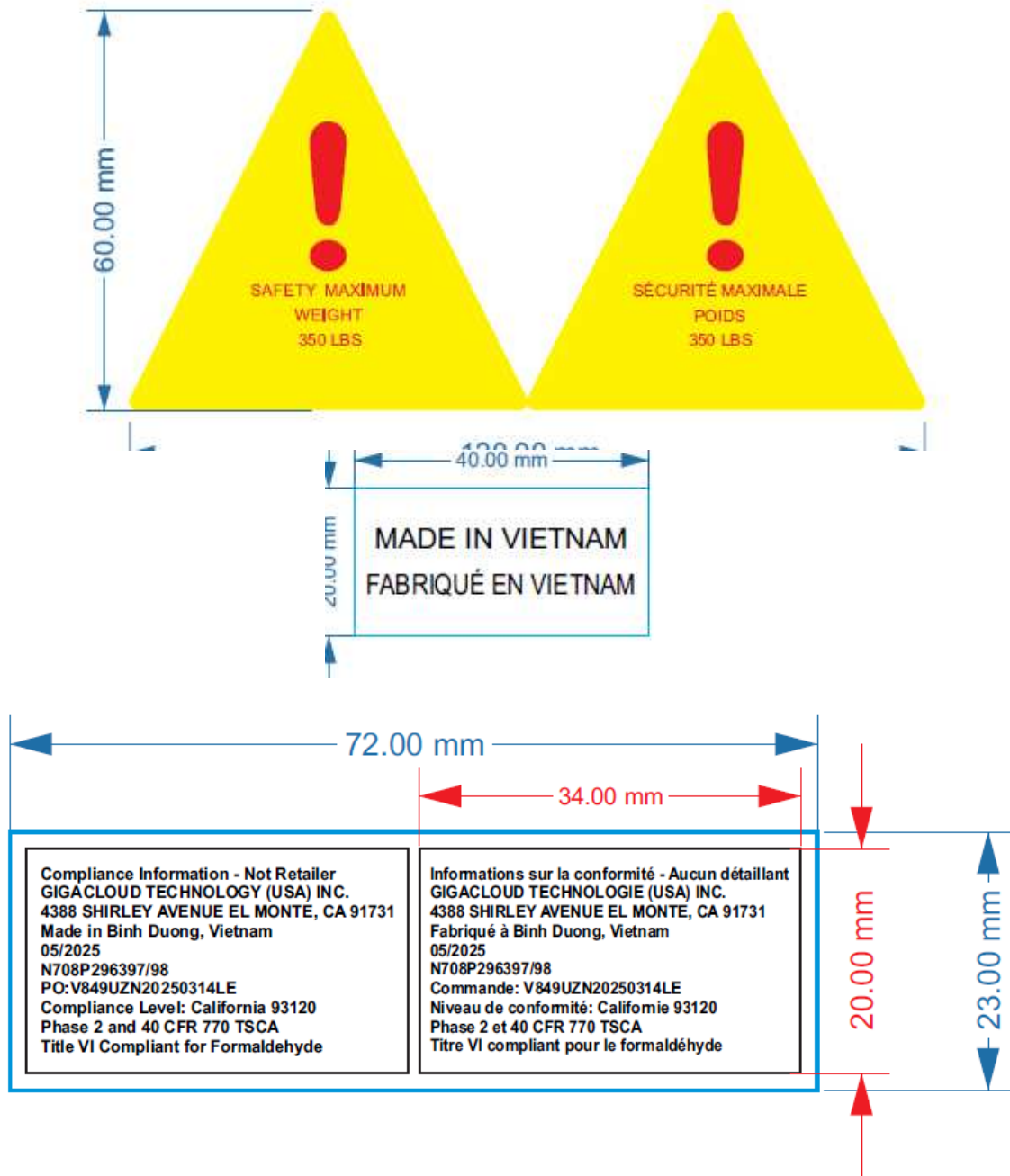
# CARTON LAYOUT









**LABEL ON PRODUCT**





 <b>WARNING</b>	 <b>AVERTISSEMENT</b>
<p>This product can expose you to chemical including [resin; curing agent, pigment], which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://WWW.P65Warnings.ca.gov">WWW.P65Warnings.ca.gov</a>.</p>	<p>Ce produit peut vous exposer à des produits chimiques, notamment [résine ; agent de durcissement, pigment], qui est (sont) connu(s) par l'Etat de Californie comme provoquant le cancer et des malformations congénitales ou d'autres problèmes de reproduction. Pour plus d'informations aller <a href="http://WWW.P65Warning.ca.gov">WWW.P65Warning.ca.gov</a></p>

 <b>WARNING</b>	 <b>AVERTISSEMENT</b>
<p><b>TO HELP PREVENT</b> serious or fatal injuries from entrapment or falls:</p> <ul style="list-style-type: none"> <li>- Use guardrails on both sides of upper bunk.</li> <li>- Prohibit horseplay on or under bed (s).</li> <li>- Prohibit more than one person on upper bunk.</li> <li>- Use ladder for entering and leaving upper bunk.</li> <li>- Never allow a child under 6 years on upper bunk.</li> <li>- Use only mattress that is 74" - 75" long and 38 1/2" wide on upper bunk.</li> <li>- Ensure thickness of mattress does not exceed 6".</li> </ul> <p>And that mattress surface is at least 5" below upper edge of guardrails.</p> <p><b>Strangulation Hazard</b> - Never attach or hang items to any part of the bunk bed that are not designed for use with the bed, for example, but not limited, hooks, belts and jump ropes.</p> <p>Made in Vietnam</p> <p>DO NOT REMOVE THIS LABEL</p>	<p><b>POUR AIDER À PRÉVENIR</b> les blessures graves ou mortelles causées par le piégeage</p> <ul style="list-style-type: none"> <li>- Utiliser des garde-corps des deux côtés du lit supérieur.</li> <li>- Interdire les chahuts sur ou sous le(s) lit(s).</li> <li>- Interdire plus d'une personne sur la couchette supérieure.</li> <li>- Utilisez une échelle pour entrer et sortir du lit supérieur.</li> <li>- Ne laissez jamais un enfant de moins de 6 ans sur la couchette supérieure.</li> <li>- Utilisez uniquement un matelas mesurant 74" à 75" de long et 38 1/2" de large sur le lit supérieur.</li> <li>- Assurez-vous que l'épaisseur du matelas ne dépasse pas 6".</li> </ul> <p>Et cette surface du matelas se trouve à au moins 5" sous le bord supérieur des garde-corps.</p> <p><b>Risque d'étranglement</b> - Attachez ou ne suspendez jamais d'objets à une partie du lit supérieur qui ne sont pas conçus pour être utilisés avec le lit, par exemple, mais sans s'y limiter, des crochets, des ceintures et des cordes à sauter.</p> <p>Fabrique au Vietnam</p> <p>NE PAS ENLEVER CETTE ÉTIQUETTE</p>