



BUREAU
VERITAS

CONSUMER PRODUCTS SERVICES DIVISION

JETTA COMPANY LIMITED.

Technical Report: (8512)177-0166

Date Received: August 02, 2012

August 31, 2012

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KITTY PO / BONNY
JETTA COMPANY LIMITED.
JETTA HOUSE
ON LOK TSUEN, 19 ON KUI STREET
FAN LING
NEW TERRITORIES
HONG KONG

Sample Description:	ORIGAMI DIPPED PARTS	Sample Size:	4 + 1 LOT(S)
Vendor:	N/A	Style No(s):	(4M006) 4M-006-01
Manufacturer:	JETTA(JVT)	SKN/SKU No.:	N/A
Buyer:	THORLEY INDUSTRIES	PO No.:	N/A
Labeled Age Grade:	6 MONTHS+	Ref #:	N/A
Appropriate Age Grade:	NOT REQUESTED	Country of Origin:	CHINA
Client Specified Age Grade:	CHILDREN PRODUCTS, FROM 6 MONTHS TO 3 YEARS OF AGE	Assortment No.:	N/A
Tested Age Grade:	CHILDREN PRODUCTS, FROM 6 MONTHS TO 3 YEARS OF AGE	Test Starting Date:	AUGUST 02, 2012
UPC Code:	817980010062	Test Finished Date:	AUGUST 31, 2012

EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2011.
- The migration of certain elements requirements of the European Standard, "Safety of toys", EN 71: Part 3: 1994, and Amendments – A1:2000/ AC:2002.

Note: The received sample(s) contained accessible component(s) of less than 10 milligrams by weight on one single sample, therefore such component(s) was not subject to migration of certain elements of European Standard, "Safety of Toys, EN 71:Part 3:1994 and Amendments – A1:2000/ AC:2002", as specified in Clause 7
- Selection of test portions.

BUREAU VERITAS SHENZHEN CO.,LTD



Choy Hon Kwong, Adams
Senior Manager
Analytical Department

BUREAU VERITAS SHENZHEN CO.,LTD



Wendy Cha
Manager
Toys And Juvenile Products Department

AC/WC/ jx

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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the EN71 : Part 1 : 2011, CR 14379:2002 "Classification of toys-Guidelines" prepared by Technical Committee CEN TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6

Symbol	Explanation				
NM	The sample(s) DOES NOT MEET the requirement of this Subclause				
M	The sample(s) MEET the requirement of this Subclause				
N/A	Not Applicable				
NR	Not Requested				
NE	Not Evaluated				
NP	None Present				
P	Present				
R	Refer to Comment Section of this report				
Symbol	Language Present	Symbol	Language Present	Symbol	Language Present
B	Belgian language	G	German language	PR	Portuguese language
D	Danish language	GR	Greek language	S	Spanish language
E	English language	H	Dutch language	SD	Swedish language
F	Finnish language	I	Italian language	SZ	Swiss language
FR	French language	N	Norwegian language		



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RESULTS:

FLAMMABILITY (EN 71 PART 2: 2011)

Subclause	Requirement	Result
4.1	Cellulose nitrate	NP
4.1	Surface flash on a piled surface	M
*4.1	Flammable gases	NA
*4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by child in play	NA
4.3	warning on product and packaging (10 - 30 mm/s)	NA
4.4	Toys intended to be entered by a child	NA
4.4	warning on product and packaging (10 – 30 mm/s)	NA
4.5	Soft-filled toys	NA

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method						
4.2.2	5.2	4.2.4	5.3	4.3	5.4	4.5	5.5
4.2.3	5.3	4.2.5	5.4	4.4	5.4	-	-

* Note: Subclause indicated with * are not accredited.



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RESULTS:

MIGRATION OF CERTAIN ELEMENTS (EN 71-3: 1994 and Amendments–A1:2000/AC:2002)

Test Method: Soluble heavy metals content analysis was determined by Inductively Coupled Plasma Spectrometry.

Sample Identity	Color	Location	Style
Material classification: Category I - SURFACE COATINGS / POLYMERIC MATERIALS / TEXTILES			
A.	Black/white coating	Warning label	
B.	Iridescent grey coating	Rim of seat	
C.	Bright black coating	Button	
D.	Matt black coating	Zipper	
Material classification: Category I - POLYMERIC MATERIALS			
E.	Black PVC/black fabric	Bag & seat	
F.	Bright black PVC	Cover of jack	
G.	Flat black PVC	Cover of screen	
H.	Dirty sharp black PVC	Rim of joint of axle on frame	
I.	Black foam	Handle	
J.	Orange soft plastic	Roller button	
K.	Grey soft plastic	Base of container	
L.	Matt black foam	Tyre of wheels	
M.	Grey plastic	Roller on joint of wheels	
N.	Dirty white plastic	Wheels	
O.	Dull grey plastic	Brake pad	
P.	Soft grey plastic	Rim of light & axle	
Q.	Black plastic	Bolt on joint of wheels	
R.	White plastic	Buckle	
S.	Black printed snow white plastic	Buckle	
T.	Matt grey plastic	Sewn label	
U.	Bright black plastic	Buckle	
V.	Soft black plastic	Zipper teeth	
W.	Flat black plastic	End of zipper band	
X.	Matt black plastic	Frame on seat	
Y.	Sharp black plastic	Base of container	
Z.	Dirty black plastic	Rim on bottom of base of container	
AA.	Bright soft black plastic	Origami & case of screen	
AB.	Bright flat black plastic	Rim of joint of axle on frame	
AC.	Bright matt black plastic	Joint of axle on frame	
		Base of handle	



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Sample Identity	Color	Location	Style
Material classification: Category I - POLYMERIC MATERIALS			
AD.	Bright sharp black plastic	Joint on frame Side case of screen & Cover on handle &	
AE.	Bright dirty black plastic	Joint of front wheels & seat Small wheels & base Inner joint of wheels	
AF.	Transparent plastic	Screen	
AG.	Clear plastic	Led light	
AH.	Translucent white plastic	Light	
Material classification: Category I - TEXTILES			
AI.	Black plush	Joint on end of zipper band	
AJ.	Bright soft black fabric/soft black foam	Seat	
AK.	Black embroidery/grey fabric	Logo on seat	
AL.	Soft black fabric	Seat	
AM.	Matt black fabric	Belt on seat	
AN.	Flat grey thread/flat grey fabric	Belt on seat	
AO.	Sharp black fabric	Belt on seat	
AP.	Soft black net fabric	Base of container on seat	
AQ.	Sharp black thread/ Dirty black fabric	Joint of zipper teeth Zipper band	
AR.	Grey thread/grey fabric	Seat	
AS.	White thread/white fabric	Belt on seat	
AT.	Black fabric	Care label	
AU.	Black thread/matt black fabric	Seat & bag	
AV.	Black net fabric	Bag	
AW.	Flat black thread/flat black fabric	Belt on bag & seat	
AX.	Black hook & loop fastener	Fastener	
Material classification: Category I - POLYMERIC MATERIALS			
AY.	Soft bright black plastic	Jack	



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Test Method: Soluble heavy metals content analysis was determined by Inductively Coupled Plasma Spectrometry.

Element	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of trace Amount	
Max. Limit (Category I) (mg/kg)	25	1000	75	60	60	90	60	500		
Max. Limit (Category II) (mg/kg)	25	250	50	25	25	90	60	500		
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%		
Sample	Result (mg/kg)								(gram)	Conclusion
A	LT 2	2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0430	Pass
B	LT 2	320	LT 2		Pass					
C	LT 2	6	LT 2	0.0196	Pass					
D	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0143	Pass
E	LT 2	36	LT 2		Pass					
F	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
G	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0784	Pass
H	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
I	LT 2	5	LT 2	0.0666	Pass					
J	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
K	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
L	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
M	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
N	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
O	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
P	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
Q	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
R	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
S	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0986	Pass
T	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
U	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
V	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0961	Pass



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Max. Limit (Category II) (mg/kg)	25	250	50	25	25	90	60	500	
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%	
Sample	Result (mg/kg)								(gram) Conclusion
AS	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	Pass
AT	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	Pass
AU	LT 2	2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	Pass
AV	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	Pass
AW	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	Pass
AX	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	Pass
AY	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	Pass

mg/kg = milligrams per kilogram (ppm=parts per million)

CR = adjusted analytical result

LT = Less Than

* = Average of duplicate analysis

As = Arsenic, Ba = Barium, Cd = Cadmium,

Cr = Chromium, Hg = Mercury, Pb = Lead,

Sb = Antimony, Se = Selenium



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END OF REPORT