



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

JOKER (FAR EAST) LTD

Technical Report: (5209)187-0562
Date Received: July 06, 2009

July 14, 2009
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HARRIS CHAN / KEN LAW
JOKER (FAR EAST) LTD
UNIT 501 ENERGY PLAZA
92 GRANVILLE RD
TSIM SHA TSUI
KOWLOON
HONG KONG

Sample Description:	HORROR SLIMY YELLOW AND GREEN, 46071-46075 ORIGINAL SWISS FORMULA		
	1.) YELLOW		
	2.) GREEN		
Vendor:	N/A	Sample Size:	8
Manufacturer:	JOKER AG/SA	Style No(s):	46075
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	+3	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	3+	Country of Origin:	CHINA
Tested Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	7611212460754		
Test Starting Date:	JULY 06, 2009		
Test Finished Date:	JULY 14, 2009		

EXECUTIVE SUMMARY:

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

- The mechanical and physical properties requirements of the tested subclauses of the European Standard, "Safety of toys", EN71: Part 1:2005, and Amendment A6:2008, Clauses 1-7.
- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2006, and Amendment A1: 2007.
- The general liquid flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2006, and Amendment A1: 2007.
- The migration of certain elements requirements of the European Standard, "Safety of toys", EN 71: Part 3: 1994, and Amendments – A1:2000/ AC:2002.



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EXECUTIVE SUMMARY:

Note: At the request of the client, the sample(s) was evaluated for use by children 3+.

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.

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AC/PC/KL/si

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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the EN71 : Part 1 : 2005, 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 : 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		



RESULTS:

**MECHANICAL & PHYSICAL PROPERTIES
 (EN 71: PART 1: 2005 AND AMENDMENT A6:2008)**

Subclause	Requirement	Result
4.1	Materials	M
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy Bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7 & 7.6	Edges	M
4.8 & 7.6	Points and metallic wires	M
4.9	Protruding parts	NA
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	NA
4.10.4	Springs	NA
4.11	Mouth actuated toys	NA
4.12 & 7.3	Balloons	NA
4.13 & 7.9	Toys Kites and other flying toys	NA
4.14.1	Toys which a child can enter	NA
4.14.2 & 7.8	Masks and helmets	NA
4.15.1	Toys propelled by child	
4.15.1.2 & 7.10 & 7.16	Toys propelled by child – Instructions for use	NA
4.15.1.3	Toys propelled by child – Strength	NA
4.15.1.4	Toys propelled by child – Stability	NA
4.15.1.5	Toys propelled by child – Braking	NA
4.15.1.6	Toys propelled by child - Transmission	NA
4.15.2	Free wheeling toy bicycles	
4.15.2.2 & 7.15	Toy bicycles – Instruction for use	NA
4.15.2.3	Toy bicycles – Saddle height	NA
4.15.2.4	Toy bicycles - Braking	NA
4.15.3 & 7.16	Rocking horses	NA
4.15.4 & 7.16	Toys not propelled by child	NA
4.15.5 & 7.19	Toys scooters	NA
4.16	Heavy immobile toys	NA
4.17.1	Projectiles – General	NA
4.17.2	Projectiles toys without stored energy	NA
4.17.3 & 7.7	Projectile toys with stored energy	NA
4.17.4 & 7.7	Bows and arrows	NA
4.18 & 7.4	Aquatic toys	NA



RESULTS:

**MECHANICAL & PHYSICAL PROPERTIES
 (EN 71: PART 1: 2005 AND AMENDMENT A6:2008)**

Subclause	Requirement	Result
4.19 & 7.13 & 7.14	Percussion caps	NA
4.20*a, b, c, e, f, & 7.14	Acoustics	NA
4.20d	Acoustics – Percussion caps	NA
4.21	Toys containing a heat source	NA
4.22 & 7.2	Small balls	NA
FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS		
5.1	General	NA
5.1a	Small parts – as received	NA
5.1b	Small parts, sharp points, sharp edges – after tests	NA
5.1c	Cross section < 2mm metal points & wires	NA
5.1e	Toys contain glue	NA
5.1f	Splinters	NA
5.1g	Casing of toys	NA
5.2	Filing materials	NA
5.3	Adhesion of plastic sheeting	NA
5.4 & 7.11	Cords on toys	NA
5.5 & 7.12	Liquid filled toys	NA
5.6	Electrically driven toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size	NA
5.9 & 7.17	Monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction cups	NA
6	Packaging	NA
WARNINGS, INSTRUCTIONS FOR USE		
7.1	Warnings, instructions for use	M
7.1	Importer name & address	M
7.1	Retain statement	M
7.1	CE marking	M
7.2	Toys not intended for children under 36 months	M
7.5	Functional toys	NA



RESULTS:

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.3	8.25.1	4.14.2	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12	4.17.3	8.24.1	5.5	8.15
4.6	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14	4.15.1.3	8.11, 8.12, 8.21, 8.22	4.17.4	8.24.2	5.6	8.29
4.7	8.11	4.15.1.4	8.23.1	4.18	8.2, 8.3, 8.4.2.1	5.8	8.16
4.8	8.12, 8.13	4.15.1.5	8.26.1	4.20	8.28	5.10	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32
4.9	8.4.2.3, 8.11, 8.12	4.15.2.4	8.26.2	4.21	8.30	5.11	8.33
4.10.1	8.18.2, 8.18.3	4.15.3	8.21, 8.23.1	4.22	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32	5.12	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9,
4.10.2	8.5, 8.6, 8.7, 8.11, 8.12	4.15.4	8.21, 8.23.1	5.1	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12	5.13	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32
4.11	8.2, 8.3, 8.4.2.1, 8.9, 8.17	4.15.5	8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27	5.2	8.2, 8.4.2.2, 8.10		
4.13	8.19	4.16	8.23.2	5.3	8.4.2.1, 8.25		
4.14.1	8.31.1, 8.31.2	4.17.1	8.4.2.3	5.4	8.20		

* Note: With modification by using Sound level meter complying with the specifications of IEC60651 and IEC60804.



RESULTS:

FLAMMABILITY (EN 71: PART 2: 2006 & AMENDMENT A1: 2007)

Subclause	Requirement	Result
4.1	Celluloid (cellulose nitrate)	NP
4.1	Dangerous flammable gases, liquids and solids	NP
4.1	Materials with a pile surface which produces a flash effect on the approach of a flame	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by child on play	NA
4.3	Toy disguise costumes and toys intended to be worn by child on play with warning	NA
4.4	Toys intended to be entered by a child	NA
4.4	Toys intended to be entered by a child with warning	NA
4.5	Filled soft toys with a pile or textile surface	NA

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	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	-	-



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			
A.	All coating/ white	Plastic sticker	1-2
Material classification: Category I - POLYMERIC MATERIALS			
B.	Transparent	Container	1-2
C.	Black	Insect	1-2
D.	Yellow soft		1
E.	Green soft		2
F.	Transparent plastic sticker		1-2

Element	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of trace Amount	Conclusion		
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	0.0600	Pass		
B	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass		
C	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass		
D	LT 8	LT 8	LT 8	LT 8	LT 8	LT 8	LT 8	LT 8		Pass		
E	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass		
F	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass		

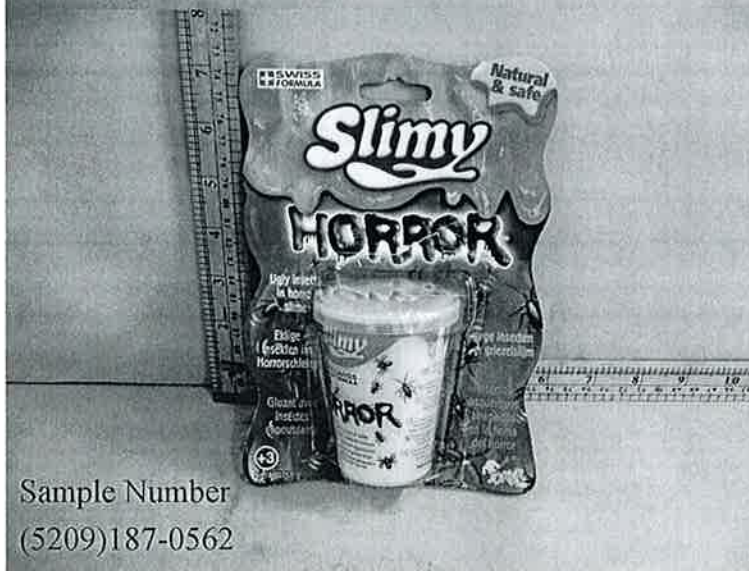
mg/kg = milligrams per kilogram (ppm=parts per million)
 CR = adjusted analytical result
 LT = Less Than
 * = Average of duplicate analysis

As = Arsenic, Ba = Barium, Cd = Cadmium,
 Cr = Chromium, Hg = Mercury, Pb = Lead,
 Sb = Antimony, Se = Selenium

RESULTS:



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END OF REPORT