



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

JOKER (FAR EAST) LTD

Technical Report: (5209)187-0562(A)
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		

EXECUTIVE SUMMARY:

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

- The BBP, DBP and DEHP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 51.
- The cadmium content requirement of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 23.



JOKER (FAR EAST) LTD
Technical Report: **(5209)187-0562(A)**
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EXECUTIVE SUMMARY:

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

- The DNOP, DINP and DIDP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 52.

BUREAU VERITAS HONG KONG LIMITED

Chan Pak Ho, Pako
Assistant Manager
Chemical Analysis Department

PC/AC/si

BUREAU VERITAS HONG KONG LIMITED

Choy Hon Kwong, Adams
Senior Manager
Chemical Department



RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

Category:				Plastics			
Element:				Cadmium			
Test Method				BS EN 1122: 2001, Method B			
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)			
Sample Description				Reading 1	Reading 2	Average	Conclusion
Color / Component		Location	Style	Result (mg/kg)			
(A)	Transparent	Container	1-2	LT 10	LT 10	LT 10	Pass
	Black	Insect	1-2				
	Yellow soft		1				
	Green soft		2				
(B)	Transparent plastic sticker		1-2	LT 10	LT 10	LT 10	Pass

LT = Less than
 # = Insufficient sample for duplicate analyses
 mg/kg = milligrams per kilogram (ppm = parts per million)
 Operator: Wong Tsz Hong

Category:				Paints	
Element:				Cadmium	
Test Method:				In house acid digestion	
Maximum Allowable Limit:				100 mg/kg (0.01% by weight)	
Test Component				Result (mg/kg)	Conclusion
Colour/Component		Location	Style		
(A)	All coating/ white	Plastic sticker	1-2	LT 4	Pass
	Dull black	Number on container	1-2		

LT = Less than
 * = Average of duplicate analyses
 mg/kg = milligrams per kilogram (ppm = parts per million)



RESULTS:

BBP/DBP/DEHP CONTENTS IN TOYS AND CHILDCARE ARTICLES (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51)

Sample Identity	Test Component	Location	Style
A.	All coating	Wrapper of bottle, cap	1-2
B.	Black plastic	Insect, spider	1-2
	Translucent plastic	Cap and bottle	1-2
	Clear plastic sticker	Wrapper of bottle	1-2

Test Parameter:	BBP	DBP	DEHP	Sum of three phthalates	
Limit (%):	0.1	0.1	0.1	0.1	
Sample	Result (%)				Conclusion
A.	LT 0.005	LT 0.005	0.01	0.01	Pass
B.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)

Results reported in percentage
 LT = Less than
 ND = None detected

DNOP/DINP/DIDP CONTENTS IN TOYS AND CHILDCARE ARTICLES WHICH CAN BE PLACED IN MOUTH BY THE CHILDREN (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52)

Sample Identity	Test Component	Location	Style
A.	All coating	Wrapper of bottle, cap	1-2
B.	Black plastic	Insect, spider	1-2
	Translucent plastic	Cap and bottle	1-2
	Clear plastic sticker	Wrapper of bottle	1-2

Test Parameter:	DNOP	DINP	DIDP	Sum of three phthalates	
Limit (%):	0.1	0.1	0.1	0.1	
Sample	Result (%)				Conclusion
A.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
B.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)
 DINP = Di-iso-nonyl phthalate (0.005%)
 DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage
 LT = Less than
 ND = None detected