

### Bureau Veritas Consumer Products Services UK Ltd

# **TEST REPORT**

 REPORT REF:
 ALC K : 156368 : 0114
 SAMPLE RECEIVED: 14/01/2014

 SAMPLE DESCRIPTION:
 Paint Samples – White, Red and Green.

 APPLICANT:
 Annie Sloan Interiors Ltd

 C/o Trimite
 Salisbury Road

 Uxbridge
 Value

EVALUATION TO: #BS

#BS EN 71-3:2013

Middlesex UB8 2RZ

**CONCLUSION:** 

The sample complied with the above standard.

Claire Francis Deputy Manager - Toys and Juvenile Products AUTHORISED SIGNATORY

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This document should be read in conjunction with the attached report which has been prepared in accordance with and is subject to Bureau Veritas Consumer Products Services UK Ltd's standard Terms & Conditions. The results and conclusions only apply to the sample(s) submitted and do not guarantee the bulk of the items from which it was obtained to be of equal quality.



### **SUMMARY OF EXAMINATION:**

### **INTRODUCTION:**

An examination was requested to ascertain compliance with the requirements as detailed on page one of this report. Our findings were as follows:

### **#BS EN 71-3:2013**

CLAUSE	DESCRIPTION	RESULT	* COMMENTS
4.2	Specific requirements	Pass	See note 1

\* See Annex I : Notes



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### ANNEX I: NOTES

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Date of test: 22/01/14

Additional 2 mol/l hydrochloric acid solution was added to lower the pH on sample numbers 1 to 3 inclusive.

An additional 0.1ml of 6 mol/l hydrochloric acid solution was added to 5.7ml, 5.9ml and 5.8ml of solution of sample Nos. 1, 2 and 3 respectively in order to lower the pH to between 1.0 and 1.5.

An ICP mass spectrometer was used for the analyses. For results refer to Annex II. It was assumed that components of a similar type and colour were of identical chemical composition.

Description of test portion and additional information (where applicable):

- 1 Sloan 1 White paint
- 2 Sloan 22 Red paint
- 3 Sloan 25 Green paint

The results for (combined) chromium detected in component numbers 1, 2 and 3 were above the limit for chromium VI (0.2 mg/kg). Bureau Veritas GmbH Germany determined the chromium VI contents of these components and their results as reported on their Report Number (25414)052-185534 were as follows :-

	<u>Component</u>	<u>Result mg/kg</u>
1	Sloan 1 - White paint	< 0.02
2	Sloan 22 - Red paint	< 0.02
3	Sloan 25 - Green paint	< 0.02

## Chromium VI limit = ≤0.2mg/kg

The tin content detected in component number 3 was within our uncertainty of measurement for the threshold of tin content in terms of Tributyltin. A test for organic tin is therefore required. Bureau Veritas GmbH Germany determined the organic tin contents of this component and their results as reported on their Report Number (25414)052-185534 were as follows :-

<u>C</u>	<u>Component</u>	<u>Result mg/kg</u>
S	Bloan 25 - Green paint	< 1

## Organic tin limit = ≤12mg/kg

**Conclusion** 

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It can be seen from the attached results that the components tested had extractable metal contents below the limits specified. The sample therefore complies with the requirements of BS EN 71-3:2013.



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# **ANNEX II : TECHNICAL DATA**

ANNEX II : I ECHNICAL DATA		AL C	AIA																		
Job Number			K.156368.0114	0114																	
SOLUBLE MIGRATED ELEMENT IN MILLIGRAMS PER KILOGRAM	IGRATED E	ELEME	NT IN MILI	LIGRAM	S PER KI	LOGRAM															
								_													
Component																					
Number		CAT	Ν	Sb	As	Ba	В	Сd	Crv	CrVI	S	cu	Ъb	Мn	Hg	Ni	Se	Sr	Sn^^	OrSn	Zn
1		3	1125.07	√1	0.06	<100	<30	60'0	2.58	• •	<0.2	<15	2.21	31.02	<0.1	4	< 6.0>	177.78	1.20	N/R	06>
2		3	<100	_1	0.06	<100	<30	0.05	0.24	* V	<0.2	<15	<0.3	<30	<0.1	<1	<0.9	135.54	0.06	N/R	06>
3		3	<100	<1	0.17	<100	<30	60.0	3.26	* V	<0.2	<15	0.73	<30	<0.1	<1	< 0.9	251.70	3.77	٧V	<90
		CAT	М	Sb	As	Ba	B	cq	ბ	CrVI	S	cu	qd	Mn	Hg	ï	Se	Sr	Sn	OrSn	Zn
Limit - Powder	ler	1	5625	45	3.8	1500	1200	1.3	37.5	0.02	10.5	622.5	13.5	1200	7.5	75	37.5	4500	15000	0.9	3750
Limit -Liquid		2	1406	11.3	0.9	375	300	0.3	9.4	0.005	2.6	156	3.4	300	1.9	18.8	9.4	1125	3750	0.2	938
Limit - Scrape	ē	3	70000	560	47	18750	15000	17	460	0.2	130	7700	160	15000	94	930	460	56000	180000	12	46000
Cr>	All results are reported as combined Cr (Cr III and Cr VI ).	s are n	eported a.	s combi	ined Cr	(Cr III and	Cr VI ). I	f the re	sult exc	ceeds Cr	۲ VI lim	If the result exceeds Cr VI limits further testing is required.	er testi	ng is re	quired.	-					
	Cr VI Limits -Powder like materials 0.02mg/kg / Liquid 0.005 mg/kg / Scrape 0.2 mg/kg.	ts -Po	wder like	materia	Is 0.021	mg/kg / Li	quid 0.0(	J5 mg/l	g / Scra	ape 0.2	mg/kg.	_									
Sn^^	All results are reported as Tin. If the sample exceeds "Threshold of Tin content in terms of Tributyltin (TBT)" a test for Organotin is	are reț	oorted as T	rin. If th∈	sample	exceeds "	Threshold	d of Tin (	content	in terms	s of Trib	utyltin (T	BT)" a t	est for C	Irganot	in is					
	required. (Threshold limit) - Powder like materials 0.37mg/kg,	Thresh	nold limit) -	- Powde	r like ma	terials 0.3	7mg/kg /	Liquid C	1.08mg/l	/ Liquid 0.08mg/kg / Scrape 4.92mg/kg.	pe 4.92	'mg/kg.									
N/R - Not required	quired																				

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# PHOTOGRAPH

