



Bureau Veritas Consumer Products Services UK Ltd

TEST REPORT

REPORT REF: ALC K : 156368 : 0114 **SAMPLE RECEIVED:** 14/01/2014
REPORT ISSUED: 24/02/2014

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

APPLICANT: Annie Sloan Interiors Ltd
C/o Trimate
Salisbury Road
Uxbridge
Middlesex
UB8 2RZ

EVALUATION TO: #BS EN 71-3:2013

CONCLUSION: The sample complied with the above standard.

Claire Francis
Deputy Manager - Toys and Juvenile Products
AUTHORISED SIGNATORY



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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



ANNEX I: NOTES

1 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 = $\leq 0.2\text{mg/kg}$

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>Component</u>	<u>Result mg/kg</u>
3	Sloan 25 - Green paint	< 1

Organic tin limit = $\leq 12\text{mg/kg}$

Conclusion

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

Job Number	K.156368.0114
SOLUBLE MIGRATED ELEMENT IN MILLIGRAMS PER KILOGRAM	

Component Number	CAT	Al	Sb	As	Ba	B	Cd	Cr ^{VI}	Cr ^A	Cr	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn ^{^^}	OrSn	Zn
1	3	1125.07	<1	0.06	<100	<30	0.09	^	2.58	37.5	10.5	622.5	13.5	1200	7.5	75	37.5	4500	15000	0.9	3750
2	3	<100	<1	0.06	<100	<30	0.05	^	0.24	9.4	2.6	156	3.4	300	1.9	18.8	9.4	1125	3750	0.2	938
3	3	<100	<1	0.17	<100	<30	0.09	^	3.26	460	130	7700	160	15000	94	930	460	56000	180000	12	46000

Component Number	CAT	Al	Sb	As	Ba	B	Cd	Cr ^{VI}	Cr	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn	OrSn	Zn
Limit - Powder	1	5625	45	3.8	1500	1200	1.3	0.02	37.5	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	0.005	9.4	2.6	156	3.4	300	1.9	18.8	9.4	1125	3750	0.2	938
Limit - Scrape	3	70000	560	47	18750	15000	17	0.2	460	130	7700	160	15000	94	930	460	56000	180000	12	46000

Cr^A All results are reported as combined Cr (Cr III and Cr VI). If the result exceeds Cr VI limits further testing is required.
Cr VI Limits - Powder like materials 0.02mg/kg / Liquid 0.005 mg/kg / Scrape 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 required. (Threshold limit) - Powder like materials 0.37mg/kg / Liquid 0.08mg/kg / Scrape 4.92mg/kg.

N/R - Not required

PHOTOGRAPH

