

Our Ref: SW/RM

15 October 2020

Report 367077

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Chieftain Fabrics
Fair Green
Trim
Co. Meath
Ireland

Contact: Sinead Doyle

DATE RECEIVED	:	08 OCTOBER 2020
FABRIC SUPPLIER	:	CHIEFTAIN FABRICS
QUALITY REFERENCE	:	LIONELLA
REPUTED FIBRE CONTENT	:	85% PVC, 15% PU
FABRIC DESCRIPTION	:	COATED
COLOUR/DESIGN	:	BLACK VELVET
END USE	:	UPHOLSTERY
ORDER NUMBER	:	SINEAD

REQUEST: EN71-3:2013+A3:2014 Migration of certain elements



S. WISEMAN
LABORATORY MANAGER

This report shall not be reproduced except in full without written approval of HSTTS. In all circumstances results of tests are implied as referring only to the sample supplied and should not be construed or interpreted on any other basis. The comments given in the report are for guidance only and are not a part of the results. Where specified in a test method preconditioning in accordance with ISO 139 is not carried out as samples are exposed to the conditioning atmosphere specified within ISO 139 for a minimum of 16 hours prior to test.

*This test has been sub-contracted

EN 71-3 Migration of certain elements

Category III Analysis results	
	PASS
<p>Category III - Scraped off material</p> <p>The EN 71-3 screening test used by MTS (UK) tests for the migration of 16 of the 19 'elements' restricted by EN 71-3:2013;</p> <p>To ensure compliance for the near future the reduces lead limits introduced by EN71-3:2013+A3:2018</p> <p>It does not test for the presence of chromium III, chromium VI or organic tin specifically, it does however test for chromium and tin and compliance with the limits for chromium III, chromium VI or organic tin may be inferred from low results from these analyses (see below).</p> <p>A. Black coated fabric</p> <p>The material complied with the limits of the 16 elements specifically analysed for (see analysis table).</p> <p>The migration of tin from the sample was determined to be not greater than 4.9 mg/kg, which, when expressed in the form of tributyl tin, would not be greater than the organic tin limit of 12 mg/kg, the material can therefore be inferred as complying with the organic tin limit.</p> <p>The migration of chromium from the sample was not greater than the chromium III limit of 460 mg/kg or the chromium VI limit of 0.2 mg/kg, the material can therefore be inferred as complying with the chromium III and chromium VI limits.</p>	

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Black coated fabric

Metal	Method	Limit	Results
Al	Composite BS EN 71-3:2013 Testing	70000	<3
Sb		560	10.9
As		47	<0.3
Ba		18750	3
B		15000	<4
Cd		17	<0.03
Cr		460.2	<0.03
Co		130	<0.1
Cu		7700	<1
Pb		23	<0.3
Mn		15000	<1
Hg		94	<0.3
Ni		930	<1
Se		460	<3
Sr		56000	6.9
Sn		180000	<2
Zn		46000	113

Samples marked * were sieved, those marked # were centrifuged. Details of additional acid required to lower pH and solvent used for extraction appear in [] in sample description.

Solid to acid extractant ratio exceeded 1:50 with sample weights below 100 mg and when additional acid was used to lower pH.

Quantities of soluble metals determined by inductively coupled plasma spectrophotometry.

All results are expressed in mg/kg based on toy material after analytical correction factors have been applied.