

## TEST REPORT

**NUMBER:** LTR23090183A

**APPLICANT:** Fiddes & Son Ltd  
Florence Works  
Brindley Road  
Cardiff  
CF11 8TX

**DATE:** 25 September 2023

For the attention of Ian Sanchez

**SAMPLE DESCRIPTION:** Piece of Glass Coated with Premier Wood Varnish

**REFERENCE / STYLE NO.:** Not specified

**RETAILER:** Not specified

**SAMPLES RECEIVED:** 20 September 2023

**PURCHASE ORDER:** PO1098

**TEST REQUEST:** ^BS EN 71-3: 2019+A1:2021, EN 71-3: 2019+A1:2021  
^Confirmation Testing for Chromium (VI)

**CONCLUSION:** The results of the tests carried out **MEET** the requirements of the requested Standard

Tests marked (^) in this report are included in the scope of accreditation of the sub-contractor who performed the test.

Tests marked (\*) in this report are not included in our UKAS scope of accreditation.

Tests marked (\*\*) in this report are not included in the scope of accreditation of the sub-contractor who performed the test.

Opinions, interpretations and comments expressed herein are outside the scope of accreditation.



**GEORGE CARTER**  
*Project Manager*  
Hardlines



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**Specification:** BS EN 71-3: 2019+A1:2021, EN 71-3: 2019+A1:2021

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP-MS

Category	TEST	RESULTS
III	Scraped off toy material	Pass

**Note:** The results for chromium (III), chromium (VI) and organic tin are based on the overall migration of chromium and tin respectively and specific testing for these chemicals was not carried out (unless confirmation testing is indicated). This is in accordance with Annex I of the standard.

### COMMENTS:

The chrome result for sample number 1 is close to or above the limit for Cr (VI) and therefore compliance for this chemical cannot be assumed. Confirmation testing was carried out and MEETS the requirements of BS EN 71-3.

### MATERIALS SAMPLED

No.	DESCRIPTION	Sample weight (<100mg)
	<b>CATEGORY III – SCRAPED OFF</b>	
1	Clear varnish on glass	

Where sample weights are written above these were less than 100 mg. The migration results below for these samples have been calculated as though the sample weight were 100 mg.

### CATEGORY III - SCRAPED OFF

Element	Analytical Results																	Theoretical Maximum Results		
	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Al	B	Co	Cu	Mn	Ni	Sr	Sn	Zn	Cr (III)	Cr (VI)	##OT
EN71-3 Limit	560	47	18750	17	–	23	94	460	28130	15000	130	7700	15000	930	56000	180000	46000	460	0.053	12
1	<0.2	<0.1	<100	<0.125	0.2	<0.125	<0.05	<3	<400	<100	<0.5	<50	<100	<6	<250	<0.2	<300	0.2	<0.025	<0.2

The reporting limits are as stated in the table above.

OT = Organic tin

All results and the limits are quoted as mg/kg (ppm) of the named material.

† Sample weight of items marked with a cross was less than 100mg. The toxic metal content has been calculated as though the sample weight were 100mg.

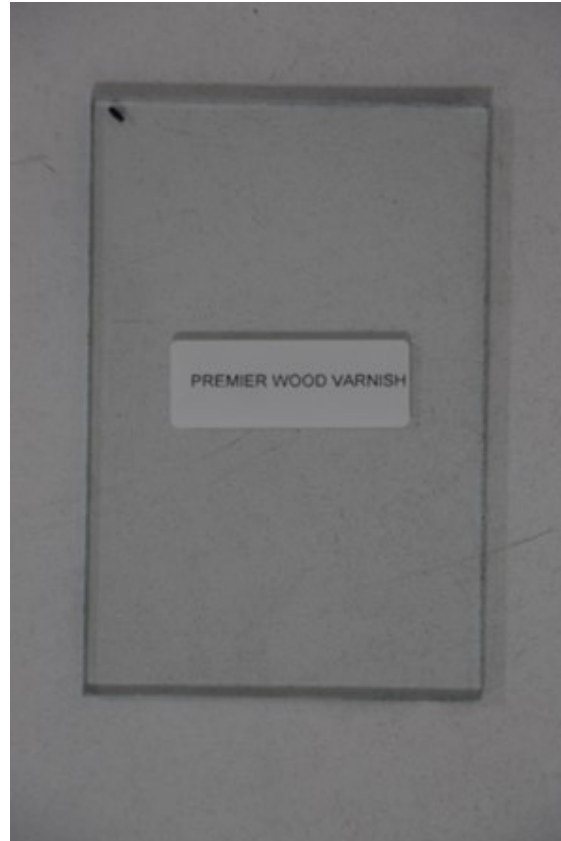
## Actual levels of organic tin have not been determined in this analysis: the maximum theoretical amount of any single organic tin can be different. The result for organic tin presented is calculated as if all the tin were present as TBT (Tri-butyl Tin) only.

**Date of Testing:** 21–25 September 2023



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## END OF REPORT

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