



# TEST REPORT

**Technical Report:** (9312)318-0984

Nov 19, 2012

Date Received: Nov 13, 2012

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Sample Description: Sample(s) received is/are stated to be:  
Rhinestud hot fix

Color:	Sliver / Black / Gold / Red	Style No(s):	/
Order No.:	/	PO No.:	/
Age Grade:	/	Product End Use:	Garment accessories
Vendor:	/	Retest No.:	/
Manufacturer:	/	Supplier Reference:	/
Buyer:	/	Country of Origin:	/
Test Period:	Nov 13, 2012 to Nov 19, 2012	Country of Destination:	/
Fiber Content:	/		
Care Instruction:	/		

## SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	Transparent plastic
2	Silvery metal
3	Black plated silvery metal
4	Red plated silvery metal
5	Golden plated silvery metal

## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
TOTAL LEAD CONTENT IN SURFACE COATING - UNITED STATES CONSUMER PRODUCT SAFETY IMPROVEMENT ACT (CPSIA) OF 2008, SECTION 101(A)(2) / UNITED STATES CODE OF FEDERAL REGULATIONS (CFR), TITLE 16, PART 1303	Not Applicable	
TOTAL LEAD CONTENT IN SUBSTRATE - UNITED STATES CONSUMER PRODUCT SAFETY IMPROVEMENT ACT (CPSIA) SECTION 101(A)(2)	PASS	
MIGRATION OF CERTAIN ELEMENTS - EUROPEAN STANDARD EN 71 PART 3: 1994 WITH AMENDMENTS A1: 2000 AND AC: 2002	PASS	

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**Photo of the Submitted Sample**





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**TEST RESULT**

**Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) / United States Code of Federal Regulations (CFR), Title 16, Part 1303**

Comment: The received sample(s) did not have surface coating. The lead content analysis on surface coating according to CPSIA test was not conducted.

**Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)**

**Test Method** : U.S. CPSC-CH-E1001-08.1 (Issued on June 21, 2010) or U.S. CPSC-CH-E1002-08.1 (Issued on June 21, 2010).

<b>Maximum Allowable Limit :</b>		<b>100 mg/kg</b>		
-	<b>Unit</b>	<b>Result</b>		
<b>Test Item(s)</b>	-	1	2	
<b>Parameter</b>	-	-	-	
Total Lead (Pb)	mg/kg	20.1	11.0	
<b>Conclusion</b>	-	PASS	PASS	

  

-	<b>Unit</b>	<b>Result</b>		
<b>Test Item(s)</b>	-	3	4	5
<b>Parameter</b>	-	-	-	-
Total Lead (Pb)	mg/kg	22.1	18.6	10.4
<b>Conclusion</b>	-	PASS	PASS	PASS

Note / Key :

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10

">" = Greater than

% = percent

1 % = 10000 mg/kg



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## TEST RESULT

### **Migration of Certain Elements - European Standard EN 71 Part 3: 1994 with Amendments A1: 2000 and AC: 2002**

**Test Method** : European Standard EN 71 Part 3: 1994 with Amendments A1: 2000 and AC: 2002, Section 8.

Soluble Element(s)		As	Ba	Cd	Cr	Hg	Pb	Sb	Se
<b>Maximum Allowable Limit (mg/kg)</b> (See Comment for the List of Material Types)	<b>All materials except modelling clay ( Type I to VII, IX &amp; X )</b>	25	1 000	75	60	60	90	60	500
	<b>Modelling clay ( Type VIII )</b>	25	250	50	25	25	90	60	500
<b>Analytical Correction (%)</b>		60	30	30	30	50	30	60	60

-	Unit	Result	
<b>Test Item(s)</b>	-	1	2
<b>Type</b>	-	II	I
<b>Parameter</b>	-	-	-
Mass of Trace Amount	g	-	-
Soluble Arsenic (As)	mg/kg	4.94	6.03
Soluble Barium (Ba)	mg/kg	ND	ND
Soluble Cadmium (Cd)	mg/kg	ND	ND
Soluble Chromium (Cr)	mg/kg	22.0	33.0
Soluble Mercury (Hg)	mg/kg	ND	ND
Soluble Lead (Pb)	mg/kg	ND	ND
Soluble Antimony (Sb)	mg/kg	ND	ND
Soluble Selenium (Se)	mg/kg	ND	ND
<b>Conclusion</b>	-	PASS	PASS



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### TEST RESULT

-	Unit	Result		
Test Item(s)	-	3	4	5
Type	-	I	I	I
Parameter	-	-	-	-
Mass of Trace Amount	g	-	-	-
Soluble Arsenic (As)	mg/kg	7.32	5.83	5.19
Soluble Barium (Ba)	mg/kg	ND	ND	ND
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND
Soluble Chromium (Cr)	mg/kg	32.2	20.1	ND
Soluble Mercury (Hg)	mg/kg	ND	ND	ND
Soluble Lead (Pb)	mg/kg	ND	ND	ND
Soluble Antimony (Sb)	mg/kg	ND	ND	ND
Soluble Selenium (Se)	mg/kg	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS

Note / Key :

ND = Not detected

“>” = Greater than

NR = Not requested

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

% = percent

g = gram(s)

Detection Limit (mg/kg) :

For Type I to VII, IX & X - As : 2.5; Ba : 100; Cd : 7.5; Each (Cr, Hg, & Sb) : 6.0; Pb : 9.0; Se : 50

For Type VIII - Each (As, Cr & Hg) : 2.5; Ba : 25; Cd : 5.0; ; Pb : 9.0; Sb : 6.0 Se : 50

Comment :

List of Material Types :			
Type	Material Description	Type	Material Description
I	Coatings	VI	Other materials whether mass coloured or not
II	Polymeric materials	VII	Materials intended to leave a trace
III	Paper and paper board	VIII	Pliable modeling materials - modelling clay
IV	Textiles	IX	Pliable modeling materials - non-modelling clay
V	Glass/ Ceramic/ Metallic materials	X	Paints, varnishes lacquers, glazing powders and similar materials in solid or in liquid form

END