



ATS JOB # C177543

PURCHASE ORDER # CREDIT CARD

Prepared for

ERIC HILFERDING
CLASSB, INC.
38530 5TH AVENUE
ZEPHYRHILLS, FL 33542

Prepared by *Jodie Joris*
Jodie Joris, Senior Chemist

Approved by *P.E. Rogers*
P.E. Rogers, Manager

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Purchase Order # Credit Card**Subject** Lead Testing of Screenprint Samples**Material** ClassB submitted 59 samples of screenprint.**Background and Objective** ATS was asked to determine the lead content in the screenprint.**Test Procedure and Results**

Lead Testing: The samples were prepared using microwave digestion techniques per CPSC-CH-E1003-09. ICP atomic emission techniques were utilized to analyze for lead as per ASTM E1479-99(2005).

Discussion and Conclusions

All samples for lead were found to be below the requirements per 16 C.F.R. 1303 and CPSIA Section 101 requirements for children's consumer products manufactured after August 14, 2009: Lead in accessible substrates 100 ppm maximum; Lead in paints and similar surface coatings 90 ppm maximum. The lead results are shown in Table 1.

The following sample was on the submitted sample list but was not received for testing.

L190 Epic PF Black Ink- Epic PF Black Epic MX System

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Table 1 – Lead Results

Test Name	Coating Name	Description	ATS	Pb (mg/kg)
L126	Digital Ink	Ink for Digital Printing	1	<3
L131	SSVFF White ink	SSVFF White ink	2	<4
L133	Light Gray Ink	Light Gray Epic Mx System	3	<3
L134	Dark Gray Ink	Dark Gray Epic MX System	4	<3
L135	Light Blue Ink	Light Blue Epic MX System	5	<4
L136	Columbia Blue Ink	Columbia Blue Epic MX System	6	<4
L137	Cream Ink	Cream Epic MX System	7	<4
L138	Khaki - Lt. Tan Ink	Khaki/Lt. Tan Epic MX System	8	<4
L139	Lemon Yellow Ink	Lemon Yellow Epic MX System	9	<3
L140	Gold Ink	Gold Epic MX System	10	<4
L141	Lavender Ink	Lavender Epic MX System	11	<4
L142	Medium Purple Ink	Medium Purple Epic MX System	12	<4
L143	Deep Purple Ink	Deep Purple Epic MX System	13	<5
L144	Royal Ink	Royal Epic MX System	14	<5
L145	Peacock Blue Ink	Peacock Blue Epic MX System	15	<5
L146	Teal Blue Ink	Teal Blue Epic MX System	16	<3
L147	Turquoise Ink	Turquoise Epic MX System	17	<4
L148	Navy Ink	Navy Epic MX System	18	<3
L149	Old Gold Ink	Old Gold Epic MX System	19	<3
L150	Lime Green Ink	Lime Green Epic MX System	20	<4
L151	Spring Green Ink	Spring Green Epic MX System	21	<3
L152	Kelly Green Ink	Kelly Green Epic MX System	22	<5
L153	Teal Green/ Jade Ink	Teal Green/ Jade Epic MX System	23	<5

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Table 1 – Lead Results (Continued)

Test Name	Coating Name	Description	ATS	Pb (mg/kg)
L154	Forest Green Ink	Forest Green Epic MX System	24	<5
L155	Salmon Ink	Salmon Epic MX System	25	<3
L156	Orange Ink	Orange Epic MX System	26	<3
L157	Orange-Red Ink	Orange-Red Epic MX System	27	<4
L158	Red Ink	Red Epic MX System	28	<4
L159	Cardinal Red Ink	Cardinal Red Epic MX System	29	<4
L160	Maroon Ink	Maroon Epic MX System	30	<3
L161	Texas Orange Ink	Texas Orange Epic MX System	31	<6
L162	Mlk Choc Brown Ink	Mlk Choc Brown Epic MX System	32	<2
L163	Drk Choc Brown Ink	Drk Choc Brown Epic MX System	33	<4
L164	Light Pink Ink	Light Pink Epic MX System	34	<3
L165	Fluo Magenta Ink	Fluo Magenta Epic MX System	35	<3
L166	Dark Magenta Ink	Dark Magenta Epic MX System	36	<4
L167	Fluo Pink Ink	Fluo Pink Epic MX System	37	<4
L168	Safety Orange Ink	Safety Orange Epic MX System	38	<4
L170	Epic LB White Athletic Ink	Epic LB White Epic MX System	39	<4
L171	Epic PF White Mixing Ink	Epic PF White Epic MX System	40	<3
L172	Epic HD Clear Ink	Epic HD Clear Epic MX System	41	<4
L173	Epic PF Extender Base Ink	Epic PF Exterior Base Epic MX System	42	<5
L180	Vinyl Hot Pressed Letters	Stahl Thermo-FILM	43	<3
L190	Epic PF Black Ink	Epic PF Black Epic MX System	Missing - Not Received	
L191	SSVFF Khaki Ink	SSVFF Khaki Wilflex	44	<3
L192	SSVFF Red Ink	SSVFF Red Wilflex	45	<3
L193	SSVFF Gold Ink	SSVFF Gold Wilflex	46	<6

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Table 1 – Lead Results (Continued)

Test Name	Coating Name	Description	ATS	Pb (mg/kg)
L194	SSVFF Black Ink	SSVFF Black Wilflex	47	<5
L195	SSVFF Royal Ink	SSVFF Royal Wilflex	48	<5
L196	SSVFF Green Ink	SSVFF Green (Forest)	49	<4
L203	Epic Jade Ink	569C Jade Genesis Custom	50	<4
L208	Epic Columbia Blue Ink	Columbia Blue Genesis Custom	51	<4
L211	Epic Brt. Gold Shimmer Ink	Epic Brt. Gold Shimmer 85470	52	10
L212	Epic Silver Shimmer Ink	Epic Silver Shimmer 15370	53	15
L213	Epic Yellow Sparkle Ink	Epic Yellow Sparkle 15340	54	<4
L215	Epic Special Effects Clear Ink	Epic Special Effects Clear 10008	55	<3
L216	Epic Lemon Yellow 50/50	LB Lemon Yellow	56	<3
L217	Epic Gold ink 50/50	LB Gold ink	57	<3
L219	Epic Phosphorescent (Glow) Ink	Epic Phosphorescent (Glow) Ink	58	<5
L220	Epic Olive Ink	Epic Olive Ink	59	<3

All Samples Pass



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Date February 9, 2012

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Customer: ClassB, Inc., 38530 5th Avenue, Zephyrhills, FL 33542

Attention: Eric Hilferding

Purchase Order #: Credit Card

Part /Name:

L190 Epic PF Black Ink, Epic PF Black Epic MX System

Material Designation: Screen Print

Special Requirement: Samples prepared using microwave techniques for lead analyzed per CPSC-CH-E1003-09.

Lab Comment: ICP atomic emission techniques utilized to analyze for lead as per ASTM E1479-99(2005).

Test Results

Composition: (parts per million, mg/kg)

Identification	Pb					
16 C.F.R. 1303 requirements for lead CPSIA Section 101 requirements for lead	†		ATS			
Sample	<4		60	Pass		

†Requirements for children's consumer products manufactured after August 14, 2011: Lead in accessible substrates 100 ppm maximum; Lead in paints and similar surface coatings 90 ppm maximum.



Prepared by: Jodie Joris

J. Joris
Senior Chemist

Approved by: D. M. McKay

D. M. McKay
Supervisor

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