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Vancouver, WA 98682
United States

This report supersedes all previous documents bearing the test report number 3800783-CH03.

The following sample(s) was/were submitted and identified by/on behalf of the client as: **Green Galaxy Screen Printing Water Based Ink**
Color: Dark Charcoal
Sample/Style #: Water Based Sample 26242015

Sample Received Date: **7/15/2015**

Testing Period **7/16/2015 – 7/21/2015**

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Comment
1. CPSIA Section 101(f) – Lead in paint/similar surface coating materials	PASS
2. Total Cadmium Content	PASS
3. CPSIA Section 108 – Phthalate Content	PASS
4. US California Proposition 65 – Total Lead Content	PASS
5. US California Proposition 65 – Total Cadmium Content	PASS
6. US California Proposition 65 – Phthalate Content	PASS
7. Total Heavy Metal Content (As specified by the client)	See test results

Signed for and on behalf of SGS North America, Inc.

Prepared By:




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1. Lead in paint/similar surface coating material

Method: CPSC Test Method: CPSC-CH-E1003-09.1 'Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings'

Test item	1	Permissible Limit
Lead (Pb)	ND	90 ppm
Conclusion	PASS	---

Sample Description :

1. [Green Galaxy Screen Printing Water Based Ink – Dark Charcoal – Water Based Sample 26242015](#)

- Note:
1. ppm = parts per million
 2. 1% = 10000ppm (mg/kg)
 3. ND = not detected
 4. Method Detection Limit = 20 ppm

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2. Total Cadmium

Method : With reference to CPSC SOPs (surface coating: CPSC-CH-E1003-09.1), followed by analysis using Inductively Coupled Plasma (ICP).

Test Item	Result	Detection Limit (ppm)	Permissible Limit
	1		
Cadmium	ND	20	75 ppm
Comment	PASS	--	--

Sample Description :

1. [Green Galaxy Screen Printing Water Based Ink – Dark Charcoal – Water Based Sample 26242015](#)

Note : 1. % = percent by weight

2. ND = Not Detected

3. Permissible Limit is quoted from US Connecticut Public Act 10-113 (Effective Date: July 1, 2014)

4. 0.0075% = 75ppm

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3. CPSIA section 108 – Phthalates

Method : With reference to CPSC-CH-C1001-09.3. Analysis was performed by Gas Chromatography / Mass Spectrometry

Test Item	Result (%)	Detection Limit (%)	Permissible Limit (%)
	1		
Dibutyl Phthalate (DBP)	ND	0.015	0.1
Benzylbutyl Phthalate (BBP)	ND	0.015	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	ND	0.015	0.1
Diisononyl Phthalate (DINP)	ND	0.015	0.1
Di-n-octyl Phthalate (DNOP)	ND	0.015	0.1
Diisodecyl Phthalate (DIDP)	ND	0.015	0.1
Comment	PASS	--	--

Sample Description :

1. [Green Galaxy Screen Printing Water Based Ink – Dark Charcoal – Water Based Sample 26242015](#)

- Note :
1. % = percentage by weight
 2. 1% = 10000 mg/kg
 3. ND = Not Detected

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4. Total Lead Content (Paint/Similar Surface Coating Material)

Test Method: With reference to CPSC Test Method: CPSC-CH-E1003-09.1. Analysis was performed by ICP-MS.

	<u>Result</u> <u>(mg/kg)</u>	<u>Detection limit</u> <u>(mg/kg)</u>	<u>Reference Limit</u> <u>(mg/kg)</u>
	1		
Lead (Pb)	ND	20	90
Conclusion	Pass	--	--

Sample Description :

1. [Green Galaxy Screen Printing Water Based Ink – Dark Charcoal – Water Based Sample 26242015](#)

Note: 1. ND=not detected
2. 0.1% = 1000 mg/kg

Remark: The limit is referenced to the requirement as stated in the County of Marin Case No. CIV-10-00626

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5. Total Cadmium Content

Test Method: With reference to CPSC Test Method: CPSC-CH-E1003-09.1 (for surface coating). Analysis was performed by ICP-MS.

	<u>Result</u> <u>(mg/kg)</u>	<u>Detection limit</u> <u>(mg/kg)</u>	<u>Reference Limit</u> <u>(mg/kg)</u>
	1		
Cadmium (Cd)	ND	5	300
Conclusion	Pass	--	--

Sample Description :

1. [Green Galaxy Screen Printing Water Based Ink – Dark Charcoal – Water Based Sample 26242015](#)

Note: 1. ND=not detected
2. 0.1% = 1000 mg/kg

Remark: The limit is referenced to the cadmium requirement as stated in the County of Alameda Superior Court, RG-10-514803

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6. Phthalate Content (Polymeric material other than PVC)

Test Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by GC-MS.

Phthalates	CAS No.	Result (mg/kg)	Detection limit (mg/kg)	Permissible limit (mg/kg)
		1		
Dibutyl Phthalate (DBP)	84-74-2	ND	150	1000
Benzylbutyl Phthalate (BBP)	85-68-7	ND	150	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND	150	1000
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	ND	150	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	150	1000
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	ND	150	1000
Conclusion		PASS	--	--

Sample Description :

1. [Green Galaxy Screen Printing Water Based Ink – Dark Charcoal – Water Based Sample 26242015](#)

Note:

1. ND = Not Detected
2. 0.1% = 1000 mg/kg

Remark: The limit is referenced to the requirement as stated in the County of Santa Clara Case No. 114CV267501.

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3. Total Heavy Metal Content (As specified by the client)

Method : With reference to ASTM F963-11 Clause 8.3.1 – Total Element Content Screening (CPSC-CH-E1003-09.1). Analysis was performed by Inductively Coupled Argon Plasma – Optical Emission Spectrometry and/or ICP-MS.

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)
	1	
Total Lead (Pb)	ND	20
Total Antimony (Sb)	ND	20
Total Arsenic (As)	ND	20
Total Barium (Ba)	ND	100
Total Cadmium (Cd)	ND	20
Total Chromium (Cr)	ND	20
Total Mercury (Hg)	ND	20
Total Selenium (Se)	ND	20
Comment	PASS	--

Sample Description :

1. [Green Galaxy Screen Printing Water Based Ink – Gray – Plastisol Sample 36242015](#)

Note : 1. mg/kg = milligram per kilogram
2. ND = Not Detected

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Sample Photo:



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*** End of Report ***

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