

# Test Report

Report No.: [REDACTED]

Page 1 of 4

ISSUE DATE: OCT .22, 2008

APPLICANT: [REDACTED]

ADDRESS: [REDACTED]

**REPORT ON THE SUBMITTED SAMPLE SAID TO BE:**

SAMPLE NAME : (1) ITEM NO. [REDACTED] CYAN [REDACTED]  
(2) ITEM NO. [REDACTED] BLACK [REDACTED]  
(3) ITEM NO. [REDACTED]  
QUANTITY OF SAMPLE : 1 BOTTLE  
SAMPLE RECEIVED DATE : OCT. 17, 2008  
SAMPLE TESTED DATE : OCT. 17, 2008 TO OCT. 22, 2008

TEST SAMPLE(S) : TESTED COMPONENT(S) OF SUBMITTED SAMPLE(S)

**TEST REQUEST**


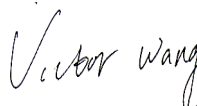
**CONCLUSION**

- 1)MATTEL QSOP 0006-3600 REV. N - HEAVY ELEMENTS CLAUSE 2.3  
- SURFACE COATINGS
- 2)MATTEL QSOP 0006-3610 REV. S  
- PLASTICIZERS

PASS

PASS

**Test Results:** Please refer to next page(s)

Inspected by:  , Approved by:  , Approved date: 2008-10-22  
Lab Manager



Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: XXXXXXXXXX

Page 2 of 4

## 1) HEAVY ELEMENTS

AS SPECIFIED IN MATTEL QSOP 0006-3600 REVISION N CLAUSE 2.3 SURFACE COATING, ACID DIGESTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED PLASMA OPTICAL EMISSION SPECTROMETER (ICP-OES).

Elements	Result (mg/kg)	Limit(mg/kg)		
	Black paint	Soluble Method 1	Soluble Method 2	Total
Total Antimony (Sb)	<5	60	1000	-
Total Arsenic (As)	<2.5	25	1000	-
Total Barium (Ba)	<5	500	1000	-
Total Cadmium (Cd)	<5	75	1000	-
Total Chromium (Cr)	<2.5	60	-	-
Total Lead (Pb)	<5	90	-	90
Total Mercury (Hg)	<2.5	-	-	10
Total Selenium (Se)	<5	300	1000	-

Remark :

- <= Less than
- mg/kg = Milligram per kilogram based on dry weight of sample

## 2) TO DETERMINE THE PHTHALATES CONTENT IN THE SUBMITTED SAMPLE

AS SPECIFIED IN QUALITY AND SAFETY OPERATING PROCEDURE 0006-3610 REV.S, USING THE METHOD DESCRIBED IN ASTM D3421-75, PHTHALATES WERE EXTRACTED BY APPROPRIATE ORGANIC REAGENTS AND DETERMINED BY GAS CHROMATOGRAPH WITH MASS SPECTROMETER(GC-MS).

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: XXXXXXXXXX

Page 3 of 4

FOR ACCESSIBLE MATERIALS EXCEPT PRODUCTS INTENDED FOR THE ADULT COLLECTOR:

TEST ITEM	RESULT ( %,( W/W ) )	MATTEL'S
	Black paint	REQUIREMENT ( %,( W/W ) )
DI-2-ETHYLHEXYL PHTHALATE (DEHP)	<0.003	---
DIBUTYL PHTHALATE (DBP)	<0.003	---
BENZYL BUTYL PHTHALATE (BBP)	<0.003	---
DIISONONYL PHTHALATE (DINP)	<0.005	---
DI-N-OCTYL PHTHALATE (DNOP)	<0.003	---
DIISODECYL PHTHALATE (DIDP)	<0.005	---
SUM(DEHP+DBP+BBP+DINP+DNOP+DIDP)	<0.022	0.1

Remark :

- <= Less than
- W/W =Weight by weight based on dry weight of sample

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: [REDACTED]

Page 4 of 4

## Photo of the sample



\*\*\* End of report \*\*\*

This report is considered invalidated without the Special Seal for Inspection of the CTI, This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of CTI, this test report shall not be copied except in full and published as advertisement.

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen