

**Test Report No. 7191184688**  
**Report Date: May 14, 2018**



PSB Singapore

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**Choose certainty.  
Add value.**

**Client** : THAICOLOR CLAY CO., LTD. / TCC MARKETING CO., LTD.  
[FOR EXPORT]  
175/1 MOO 1 KAERAI KRATHUMBAN SAMUTHSAKORN,  
74110 THAILAND  
ATTN: MS. KOTCHAKORN P.

**Test Sample** : RECEIVED ON 02/05/2018

**Test Period** : FROM 02/05/2018 TO 11/05/2018

**Sample Description** : SK-TOY BAG SET

**Color** : /

**Product Type/ End Use** : /

**Model/Style** : /

**SKU No.:** : /

**Country of Destination** : EUROPE

**Country of Origin** : THAILAND

**Manufacturer** : THAICOLOR CLAY CO., LTD.



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SAMPLE PHOTO



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**SUMMARY OF TEST RESULTS**

TEST REQUESTED	CONCLUSION	REMARK
PAHS	PASS	/
CADMIUM CONTENT	PASS	/

For any concern or technical Inquiries, please contact

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VICE PRESIDENT  
ASEAN – SOFTLINE & HARDLINE  
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APPROVED BY:

A handwritten signature in black ink, appearing to read 'Koo Chieh Voon'.

KOO CHIEH VOON  
HARDLINE PRODUCT MANAGER



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## TEST RESULTS:

**Polycyclic Aromatic Hydrocarbons (PAHs) Content - European Parliament and Council Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII with its Latest Amendments, Entry 50, Point 5**

Test Item(s)	Item / Component Description(s)
1	Black + Orange + Transparent Orange PP
2	Pink + Transparent Pink + Red PP
3	Yellow + Transparent Yellow + White PP
4	Light Blue + Dark Blue + Pale Blue PP
5	Transparent Blue + Transparent Yellow PP
6	Green + Transparent Green PP
7	Yellow + Red + Green ABS
8	Blue + White + Purple ABS
9	Pink + Orange + Peach ABS
10	Blue + Yellow + Red Hi-Impact
11	Green + Pink Hi-Impact
12	Transparent Plastic
13	Black + Dark Blue + White coating
14	Light Orange + Yellow + Orange coating
15	Blue + Light Blue + Brown coating
16	Light Brown + Sky Blue + Green Coating

<b>Maximum Allowable Limit :</b>	<b>1.0 mg/kg ( Each of all listed PAHs )<sup>[a]</sup></b>
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Test Item(s)	Result				Conclusion
	Test Method	Detected Analyte(s)	Conc.	Unit	
1	II	ND	ND	mg/kg	PASS
2	II	ND	ND	mg/kg	PASS
3	II	ND	ND	mg/kg	PASS
4	II	ND	ND	mg/kg	PASS
5	II	ND	ND	mg/kg	PASS
6	II	ND	ND	mg/kg	PASS
7	II	ND	ND	mg/kg	PASS
8	II	ND	ND	mg/kg	PASS
9	II	ND	ND	mg/kg	PASS
10	II	ND	ND	mg/kg	PASS
11	II	ND	ND	mg/kg	PASS
12	II	ND	ND	mg/kg	PASS
13	II	ND	ND	mg/kg	PASS
14	II	ND	ND	mg/kg	PASS
15	II	ND	ND	mg/kg	PASS
16	II	ND	ND	mg/kg	PASS

### Note / Key :

ND = Not detected

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

1 % = 10 000 mg/kg

">" = Greater than

Test Method I = Individual Testing

Conc. = Concentration

% = percent

Test Method II = Composite Testing

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Detection Limit (mg/kg) -

For individual testing - Each of the listed PAHs : 0.2

For composite testing - Each of the listed PAHs : 0.2

Remark :

- The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.
- Rubber or plastic component(s) of articles that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity under normal or reasonably foreseeable conditions of use is (are) applicable to be tested. Articles include amongst others :
  - Sport equipment such as bicycles, golf clubs, racquets;
  - Household utensils, trolleys, walking frames;
  - Tools for domestic use;
  - Clothing, footwear, gloves and sportswear;
  - Watch-straps, wrist-bands, masks, head-bands
- <sup>[a]</sup> denotes as this maximum allowable limit applies to product(s) placed on the market for the first time on or after December 27, 2015 only.

## APPENDIX

<b>List of Polycyclic Aromatic Hydrocarbons</b>					
<b>[ European Parliament and Council Regulation EC No. 1907/2006, Annex XVII, Entry 50, Point 5 ] :</b>					
No.	Name of Analyte(s)	CAS-No.	No.	Name of Analyte(s)	CAS-No.
1	Benzo[a]pyrene (BaP)	50-32-8	5	Benzo[b]fluoranthene (BbFA)	205-99-2
2	Benzo[e]pyrene (BeP)	192-97-2	6	Benzo[j]fluoranthene (BjFA)	205-82-3
3	Benzo[a]anthracene (BaA)	56-55-3	7	Benzo[k]fluoranthene (BkFA)	207-08-9
4	Chrysene (CHR)	218-01-9	8	Dibenzo[a,h]anthracene (DBAhA)	53-70-3

CAS-No. = Chemical Abstracts Service registry number

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## TEST RESULTS: (Continued)

### Total Cadmium Content in Plastics - Regulation (EC) No. 1907/2006 Annex XVII Entry 23 Paragraph 1(a)

**Test Method** : With reference to EN 1122: 2001 Method B. Acid digestion and analysis by Atomic Absorption Spectrophotometer (AAS) or Inductively Coupled Plasma - Atomic Emission Spectrometer (ICP-AES).

Test Item(s)	Item / Component Description(s)
1	Black + Orange + Transparent Orange PP
2	Pink + Transparent Pink + Red PP
3	Yellow + Transparent Yellow + White PP
4	Light Blue + Dark Blue + Pale Blue PP
5	Transparent Blue + Transparent Yellow PP
6	Green + Transparent Green PP
7	Yellow + Red + Green ABS
8	Blue + White + Purple ABS
9	Pink + Orange + Peach ABS
10	Blue + Yellow + Red Hi-Impact
11	Green + Pink Hi-Impact
12	Transparent Plastic
13	Black + Dark Blue + White coating
14	Light Orange + Yellow + Orange coating
15	Blue + Light Blue + Brown coating
16	Light Brown + Sky Blue + Green Coating

<b>Maximum Allowable Limit :</b>	<b>100 mg/kg</b>
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-	Unit	Result			
Test Item(s)	-	1	2	3	4
Total Cadmium (Cd)	mg/kg	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS

-	Unit	Result			
Test Item(s)	-	5	6	7	8
Total Cadmium (Cd)	mg/kg	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS

-	Unit	Result			
Test Item(s)	-	9	10	11	12
Total Cadmium (Cd)	mg/kg	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS

-	Unit	Result			
Test Item(s)	-	13	14	15	16
Total Cadmium (Cd)	mg/kg	ND	ND	ND	ND
<b>Conclusion</b>	-	PASS	PASS	PASS	PASS

Note / Key :

ND = Not detected

">" = Greater than

"<" = Less than

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg): 10

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