



CONSUMER PRODUCTS SERVICES DIVISION

## FUN-TIME INTERNATIONAL

**Technical Report:** (5110)189-0081

July 20, 2010

Date Received: July 08, 2010

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FUN-TIME INTERNATIONAL  
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UNITED STATES

Sample Description:	COMPOSITE RED, ORANGE & YELLOW STRAW W / WHITE IMPRINT		
Manufacturer:	FUN-TIME INTERNATIONAL	PO No.:	N/A
Buyer:	N/A	Style:	KRAZY STRAW
Country of Origin:	MEXICO	Country of Destination:	N/A
Color:	N/A	SKU No.:	N/A
Protocol No.:	N/A		

### **EXECUTIVE SUMMARY:**

The sample(s) MEETS the following requirement(s):

- The flammability requirements of 16 CFR 1500.3(c)(6)(vi), "Flammable solid" (FHSA regulations).
- The limits set forth in 21 CFR 175-177, "Indirect food additives" (FDA), for use as articles intended to be in contact with food at room temperature except beverages containing alcohol. The material identification(s) provided by the client/vendor was Resinous and polymeric coatings; Paper and paperboard; Melamine-formaldehyde resins; Olefin polymers-polyethylene (PE); Olefin polymers-Polypropylene (PP); Olefin-copolymer (COP); Polycarbonate resins (PC); Polystyrene and rubber-modified polystyrene (PS).
- The mechanical hazards requirements of ASTM F963-08, "Standard consumer safety specification for toy safety".
- The phthalates content requirements of California Proposition 65 restricting the use of certain phthalates in toys and childcare products.
- The total lead content of 300ppm requirements by composite testing in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- The total lead content of 90ppm requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" as mandated by Congress in section 101(f) of the Consumer Products Safety Improvement Act (CPSIA) of 2008, Public Law 110-314.\*
- The phthalates content requirements of The Consumer Product Safety Improvement Act of 2008 restricting the use of certain phthalates and banning the use of others in toys and childcare products.



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Note: The received sample(s) contained scrapable surface coating material(s) of less than 10 milligrams by weight on one single sample, therefore such coating material(s) was not subject to the soluble heavy metals analysis of ASTM F963-08, "Standard consumer safety specification on toy safety", Section 4.3.5.2, as specified in Section 8.3.3.1(2).

\* **This third party report was issued to certify the tested product complied with this rule, ban, standard or regulation.**

For general inquiries, please contact Bureau Veritas at (716) 505-3300.

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/kcf



**RESULTS:**

**FDA FOOD SIMULATING SOLVENT EXTRACTIVES  
 INDIRECT FOOD ADDITIVES – POLYETHYLENE PHTHALATE POLYMERS**

The sample(s) was evaluated according to the US Food and Drug Administration (FDA), Title 21, Code of Federal Regulations (CFR), Section 177.1630, "Indirect Food Additives: Polyethylene phthalate polymers."

Condition of Use: The plastics are used for packaging, transporting, or holding food, excluding alcoholic beverages, at temperatures not to exceed 250°F.

Sample Description: Clear, red, yellow and orange plastic straw

Parameter	Result (mg/sq. in)	Maximum Allowable Limit (mg/sq. in)	Conclusion
• Distilled water 250°F, 2hrs.	LT 0.1	0.5	Pass
• n-Heptane 150°F, 2 hrs.	LT 0.1	0.5	Pass

LT = Less Than

mg/sq. in. = milligrams per square inch (of food-contact surface)

N/A = Not Applicable

\* = An average of duplicate analyses.

**TOTAL LEAD CONTENT IN SURFACE COATING ("Ban of Lead-containing paint and certain consumer products bearing Lead-containing paint", Consumer Product Safety Improvement Act (CPSIA) of 2008)**

Element:			Lead	
Requirement: Maximum allowable limit:			90 mg/kg	
Sample Description			Result (mg/kg)	Conclusion
Color / Component	Location	Style		
(A) White coating	Printing on straw	-	LT 10.0	Pass

LT = Less Than

mg/kg = milligrams per kilogram (ppm = parts per million)

\* = Average of duplicate analyses

**TOTAL LEAD CONTENT IN SUBSTRATE BY COMPOSITE TESTING (300PPM) (Consumer Product Safety Improvement Act (CPSIA) of 2008)**

Element:			Lead	
Requirement: Maximum allowable limit: (mg/kg)			300 mg/kg	
Sample Description			Result (mg/kg)	Conclusion
Color / Component	Location	Style		
(A) Composite red, orange and yellow imprinted clear plastic	Straws	-	2.86	Pass

LT = Less Than

mg/kg = milligrams per kilogram (ppm = parts per million)

\* = Average of duplicate analyses



**RESULTS:**

**BISPHENOL-A (BPA) CONTENT (Minnesota Toxic Free Kids Act, Connecticut Act #09B-146)**

Parameter:			Bisphenol-A	
Maximum allowable limit:			2 (mg/kg (ppm))	
Test Component			Result	Conclusion
Color/Component	Location	Style No.	(mg/kg (ppm))	
A. Composite of yellow, orange and red	Straws	-	LT 2	Data

*mg/kg (ppm) = milligrams per kilogram (ppm = parts per million)*

*ND = None Detected with detection limit at 2 mg/kg*

*LT = Less than*



**RESULTS:**

**PHthalATES CONTENT IN TOYS AND CHILDCARE ARTICLES (Consumer Product Safety Improvement Act of 2008)**

**Component**

- A. Composite orange, red and yellow plastic straw
- B. Clear plastic straw
- C. White coating straw design

**Results:**

	Phthalate						Limits, % by wt	Conclusion
	BBP, % by wt	DBP, % by wt	DEHP, % by wt	DNOP, % by wt	DINP, % by wt	DIDP, % by wt		
A.	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
B.	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.020	LT 0.005	0.1	Pass
C.	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass

**Key:**

- BBP = Butyl benzyl phthalate
- DBP = Dibutyl phthalate
- DEHP = Di(2-ethylhexyl) phthalate
- DNOP = Di-n-octyl phthalate
- DINP = Di-iso-nonyl phthalate
- DIDP = Di-iso-decyl phthalate

- Results reported in percentage
- LT = Less than
- ND = None detected
- GT = Greater than

- Note:
- 1) According to CPSIA, DEHP, BBP and DBP shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys of children ages 12 and under, and childcare articles of children 3 and under.
  - 2) According to CPSIA, DINP, DIDP and DNOP shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys of children ages 12 and under which can be placed in the mouth, and childcare articles of children 3 and under which can be placed in the mouth.



**RESULTS:**

**PHthalATES CONTENT IN TOYS AND CHILDCARE ARTICLES (California Proposition 65)**

**Component**

- A. Composite orange, red and yellow plastic straw
- B. Clear plastic straw
- C. White coating straw design

**Results:**

<b>Phthalate</b>							
	BBP, % by wt	DBP, % by wt	DEHP, % by wt	DIDP, % by wt	DnHP, % by wt	Limits, % by wt	<b>Conclusion</b>
A	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
B	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass
C	LT 0.005	LT 0.005	LT 0.005	LT 0.005	LT 0.005	0.1	Pass

***Key:***

*BBP* = Butyl benzyl phthalate  
*DBP* = Dibutyl phthalate  
*DEHP* = Di(2-ethylhexyl) phthalate  
*DIDP* = Di-iso-decyl phthalate  
*DnHP* = Di-n-hexyl phthalate

*Results reported in percentage*  
*LT* = Less than  
*ND* = None detected  
*GT* = Greater than

Note: 1) According to California Prop 65, BBP, DBP, DEHP, DIDP, and DnHP shall not be used as substances or as constituents of preparations, at concentrations of greater than 0.1 % by mass of the plasticized material, in toys of children ages 6 and under, and childcare articles of children 3 and under.

EXHIBIT #1



SAMPLE PRODUCTS