



CONSUMER PRODUCTS SERVICES DIVISION

LIFEFACORY INC.

Technical Report: (5111)236-0228

August 31, 2011

Date Received: August 24, 2011

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PAM MARCUS
LIFEFACORY INC.
480 GATE 5 ROAD STUDIO # 300E
SAUSALITO, CA 94965
UNITED STATES

Sample Description:	9 OZ AND 4 OZ BABY BOTTLES	Sample Size:	1 DOCUMENT
Vendor:	LIFEFACORY INC.	Style No(s):	N/A
Manufacturer:	LIFEFACORY INC.	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	0-3 MONTHS	Ref #:	N/A
Appropriate Age Grade:	CHILDREN PRODUCTS, FROM 0 TO 3 MONTHS OF AGE	Country of Origin:	UNITED STATES
Client Specified Age Grade:	NOT SPECIFIED	Assortment No.:	N/A
Tested Age Grade:	CHILDREN PRODUCTS, FROM 0 TO 3 MONTHS OF AGE		
UPC Code:	N/A		

EXECUTIVE SUMMARY:

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

- The requirements of test protocol CPSD-8444-US, CPSIA Requirements
- The requirements of test protocol CPSD -8001-US, Children's Products
- The requirements of test protocol CPSD -8001-CN, Children's Products
- The requirements of test protocol CPSD -6060-US, Glassware
- The requirements of test protocol CPSD -6060-CN, Glassware

COMMENTS SECTION

In lieu of testing and at the request of the client, documentation has been provided which indicates the compliance of the submitted sample(s) with all Nitrosamine requirements.

No accessible surface coating was present on the received sample(s). Consequently, the lead content analysis of surface coatings according to modified 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" (Consumer Products Safety Improvement Act (CPSIA) of 2008), was not conducted.

No accessible surface coating was present on the received sample(s). Consequently, the lead content analysis of surface coatings according to Illinois Lead Poisoning Prevention Act, Public Act 095-1019, was not conducted.

No accessible surface coating was present on the received sample(s). Consequently, the heavy metals content analysis of surface coatings according to ASTM F963-08, "Standard consumer safety specification on toy safety", Section 4.3.5.2, was not conducted.

No surface coating was present on the received sample(s). Consequently, the heavy metals content analysis on surface coatings according to Canadian "Hazardous Products Act", R.S.c. H-3, Schedule I, Part 1, item 2 or item 9 was not conducted.



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Per Client's Specification, in the future this may be cause for failure. No street address for the manufacturer, packer or distributor was provided. Street address is required per FPLA/UPLR, unless it can be found in a local city or telephone directory. The presence of the street address in a local directory has not been verified.

Data has been transferred from Bureau Veritas Consumer Products Services, Inc. Technical Report (5111)145-0090 dated June 27, 2011.

BVCPS Buffalo Contact Information for this Report:

Administrative Questions: Stephen Galbo Phone: 716-505-3571 stephen.galbo@us.bureauveritas.com
Technical Questions: Kelly Nasradinaj Phone: 716-505-3756 kelly.nasradinaj@us.bureauveritas.com

Bureau Veritas
Consumer Products Services, Inc.

Kelly Nasradinaj
Product Test Engineer
Toys and Juvenile Products Department

/ld



RESULTS:

TOTAL LEAD CONTENT IN SUBSTRATE BY COMPOSITE TESTING (100PPM) (Consumer Product Safety Improvement Act (CPSIA) of 2008)

Analyte	Lead
Requirement: Maximum allowable limit:	300 mg/kg

Analyte			Lead (Pb)	Conclusion
Sample Description			Result (mg/kg)	
Color / Component	Location	Style		
(A) Clear hard plastic	Bottle cap	Across	LT 10.0	Pass
(B) Hard white plastic	Bottle collar	Across	LT 10.0	Pass
(C) Clear soft plastic	Nipple	Across	LT 10.0	Pass
(D) Composite green & yellow soft plastic	Bottle grips	Across	LT 10.0	Pass
(E) Composite blue & pink soft plastic	Bottle grips	Across	LT 10.0	Pass
(F) Clear glass bottle	Bottle	-	16.9	Pass

LT = Less Than

* = Average of duplicate analyses

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



RESULTS:

**PHthalates Content in Children's Toys and Childcare Articles by Composite Testing
 (Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) Prohibition On Sale of Certain
 Products Containing Specified Phthalates - BBP / DBP / DEHP Content)**

Sample Identity	Test Component	Location	Style
A.	Composite of green, pink silicone	Sleeve	-
B.	Composite blue, yellow silicone	Sleeve	-
C.	Clear silicone	Nipple	-
D.	White hard plastic	Collar & seal	-
E.	Clear hard plastic	Hood	-

Test Parameter:	BBP	DBP	DEHP	
Limit (%):	0.1	0.1	0.1	
Sample	Result (%)			Conclusion
A.	LT 0.005	LT 0.005	LT 0.005	Pass
B.	LT 0.005	LT 0.005	LT 0.005	Pass
C.	LT 0.005	LT 0.005	LT 0.005	Pass
D.	LT 0.005	LT 0.005	LT 0.005	Pass
E.	LT 0.005	LT 0.005	LT 0.005	Pass

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)

Results reported in percentage
 LT = Less than
 ND = None detected



RESULTS:

**PHthalates Content in Children's Toys and Childcare Articles by Composite Testing
 (Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(b)(1) Prohibition On Sale of Certain
 Products Containing Specified Phthalates - DNOP / DINP / DIDP Content)**

Sample Identity	Test Component	Location	Style
A.	Composite of green, pink silicone	Sleeve	-
B.	Composite blue, yellow silicone	Sleeve	-
C.	Clear silicone	Nipple	-
D.	White hard plastic	Collar & seal	-
E.	Clear hard plastic	Hood	-

Test Parameter:	DNOP	DINP	DIDP	
Limit (%):	0.1	0.1	0.1	
Sample	Result (%)			Conclusion
A.	LT 0.005	LT 0.005	LT 0.005	Pass
B.	LT 0.005	LT 0.005	LT 0.005	Pass
C.	LT 0.005	LT 0.005	LT 0.005	Pass
D.	LT 0.005	LT 0.005	LT 0.005	Pass
E.	LT 0.005	LT 0.005	LT 0.005	Pass

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)

DINP = Di-iso-nonyl phthalate (0.005%)

DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than

ND = None detected



RESULTS:

Canadian Hazardous Products Act SOR/98-176

• **Heavy Metals Analysis**

Classification: Interior		Small Hollowware		
Element:		Lead	Cadmium	
Maximum Allowable Limit: Any one of 6 units		2.0 ppm	0.5 ppm	
Sample Description	Specimen	Result (ppm)		Conclusion
A. 9OZ / 4OZ BABY BOTTLE (4 COLORS) - LARGE	#1	LT 0.05	LT 0.01	Pass
	#2	LT 0.05	LT 0.01	
	#3	LT 0.05	LT 0.01	
	#4	LT 0.05	LT 0.01	
	#5	LT 0.05	LT 0.01	
	#6	LT 0.05	LT 0.01	
B. 9OZ / 4OZ BABY BOTTLE (4 COLORS) - SMALL	#1	LT 0.05	LT 0.01	Pass
	#2	LT 0.05	LT 0.01	
	#3	LT 0.05	LT 0.01	
	#4	LT 0.05	LT 0.01	
	#5	LT 0.05	LT 0.01	
	#6	LT 0.05	LT 0.01	

LT = Less Than ppm = Parts per Million



RESULTS:

FDA FOOD SIMULATING SOLVENT EXTRACTIVES
POLYMERS: OLEFIN POLYMERS - OLEFIN BASIC COPOLYMERS

The samples were tested according to the Food and Drug Administration (FDA), Title 21, Code of Federal Regulations (CFR), Section 177.1520 "Indirect Food Additives: Polymers - Olefin Polymers - Olefin Basic Copolymers (Described in paragraph (a)(3)(i))".

Sample Description: Clear & White Plastic (Disk, Collar, & Cap From 4oz & 9oz)

Condition of Use: For use in articles that contact food except for articles used for packing or holding food during cooking.

PARAMETER	RESULT	REQUIREMENT	CONCLUSION
- Density	0.93 g/cc	0.85-1.00 g/cc	Pass
- Hexane Extractables	2.7 %	≤5.5%	Pass
- Solubles Xylene	14.3 %	≤30.0%	Pass
g/cc = grams per cubic centimetre ≤ = Less than or equivalent to * = Average of duplicate analyses LT = Less Than			



RESULTS:

BISPHENOL-A (BPA) CONTENT (Various state laws (eg. CT Public Act# 09-103, MN Chapter 40 SF #247, 2009 WI Act 145, Safe Baby Bottle Act, SSB 6248), Canadian (CHPA R.S., c. H-3, Schedule I, Part I, Item 16), and European (2011/8/EU) laws.)

Parameter:			Bisphenol-A	
Maximum allowable limit:			--	
Test Component			Result (mg/kg (ppm))	Conclusion
Color/Component	Location	Style No.		
A. Soft green	Sleeve	-	ND	DATA
B. Soft pink	Sleeve	-	ND	DATA
C. Soft blue	Sleeve	-	ND	DATA
D. Soft yellow	Sleeve	-	ND	DATA
E. Clear	Nipple	-	ND	DATA
F. Clear plastic	Cap	-	ND	DATA
G. White plastic	Collar / seal disc	-	ND	DATA

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

ND = Not detected above reporting limit of 1 mg/kg

LT = Less than



RESULTS:

Evaluation	Criteria	Result	Rating
Claim Verification (Level 2)	CPSD-HL-08612-MTHD	M Claim: "Thermal shock resistant glass allows our dishwasher safe bottles to go from temperature extremes (boiling to freezing) without breaking" Recorded: Bottles are dishwasher safe and thermal shock resistant	PASS
		M Claim: "Visit www.lifefactory.com to see our entire line of BPA-free baby and adult products" Recorded: www.lifefactory.com is a valid and working website	PASS
		M Claim: "BPA FREE" Recorded: Verified through testing	PASS
		M Claim: "9 oz (50 ml)" Recorded: Bottle holds 9 oz (255 ml)	PASS
		M Claim: "4 oz (120 ml)" Recorded: Bottle holds 4 oz (120 ml)	PASS



**BUREAU VERITAS TEST PROTOCOL FOR
 CPSD - 06060 - CN
 GLASSWARE (V5)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating												
LABELING																	
** Labeling- Packaging (Packaging "Copy" Or Artwork Request Form May Be Substituted)	Consumer Pkg. & Labeling Act & Regulations	1	<p>Manufacturer or distributor's name & address (City & Postal Code). Minimum 1.6 mm type size Placed anywhere except bottom – English or French</p> <p>Where a prepackaged product is wholly manufactured or produced in a country other than Canada, the marking shall consist of one of the following:</p> <ul style="list-style-type: none"> -The name and address of a Canadian dealer preceded by the words "imported by" ("importé par") or "imported for" ("importé pour"); or -The statement of geographic origin located immediately adjacent to the name and address of a Canadian dealer; or -The name and address of the dealer outside Canada 	M	PASS												
** Labeling- Packaging (Packaging "Copy" Or Artwork Request Form May Be Substituted)	Consumer Pkg. & Labeling Act & Regulations	1	<p>Product Net Quantity Declaration must be in English and French, metric units, on PDP, bold, type size based on PDP size</p> <table border="0"> <tr> <td>Principal Display Panel</td> <td>Minimum Type</td> </tr> <tr> <td><32 cm2 (5 ln2)</td> <td>1.6 mm (1/16 ln)</td> </tr> <tr> <td>>32 cm2 but <258 cm2 (40 ln2)</td> <td>3.2 mm (1/8 ln)</td> </tr> <tr> <td>>258 cm2 but < 645 cm2 (100 ln2)</td> <td>6.4 mm (1/4 ln)</td> </tr> <tr> <td>>645 cm2 but <25.8 dm2 (400 ln2)</td> <td>9.5 mm (3/8 ln)</td> </tr> <tr> <td>>25.8 dm2 (400 ln2)</td> <td>12.7 mm (1/2 ln)</td> </tr> </table>	Principal Display Panel	Minimum Type	<32 cm2 (5 ln2)	1.6 mm (1/16 ln)	>32 cm2 but <258 cm2 (40 ln2)	3.2 mm (1/8 ln)	>258 cm2 but < 645 cm2 (100 ln2)	6.4 mm (1/4 ln)	>645 cm2 but <25.8 dm2 (400 ln2)	9.5 mm (3/8 ln)	>25.8 dm2 (400 ln2)	12.7 mm (1/2 ln)	M	PASS
Principal Display Panel	Minimum Type																
<32 cm2 (5 ln2)	1.6 mm (1/16 ln)																
>32 cm2 but <258 cm2 (40 ln2)	3.2 mm (1/8 ln)																
>258 cm2 but < 645 cm2 (100 ln2)	6.4 mm (1/4 ln)																
>645 cm2 but <25.8 dm2 (400 ln2)	9.5 mm (3/8 ln)																
>25.8 dm2 (400 ln2)	12.7 mm (1/2 ln)																
** Labeling- Packaging (Packaging "Copy" Or Artwork Request Form May Be Substituted)	Consumer Pkg. & Labeling Act & Regulations	1	Product identification shall be English and French, on PDP and in bold with 1.6 mm minimum type size	M	PASS												



**CPSD - 06060 - CN
 GLASSWARE (V5)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
** Labeling – Packaging	Consumer Packaging and Labeling Act and Regulations, c. 417, Section 6	1	All mandatory labeling information must be shown in both French and English languages. The type of mandatory labeling that is required includes, but is not limited to, any written statement or warning, product identity, net content and ingredient declarations. The names and address of the manufacturer and country of origin labeling requirements may be presented in either French or English. Other supplemental label information that is considered to be non-mandatory (e.g. directions for use) also does not have to appear in a bilingual manner. However, manufacturers are encouraged to include such information in a bilingual format if plausible.	M	PASS
** Labeling - packaging	Quebec, R.S.Q., c. C-11	1	Every inscription on a product container, wrapping, leaflet, brochure or card supplied with the product, including the directions for use and warranty certificates, must be drafted in French. No inscription in another language may be given greater prominence than that in French.	M	PASS
** Country of origin marking	Canada Customs Tariff, Marking of Imported Goods Regulations, SOR-94-10 / Marking of Imported Goods Memorandum D11-3-1	1	<p>a) Imported goods shall indicate country of origin.</p> <p>b) Must be legible and sufficiently permanent to remain on the goods until it reaches the purchaser.</p> <p>c) For goods from NAFTA countries, the language may be English, French or Spanish.</p> <p>d) For goods from non-NAFTA countries, language may be English or French and marking should appear on individual articles.</p> <p>e) If the packaging conceals the Country of Origin mark, then the packaging must also be marked.</p> <p>f) There is a provision to mark only the container if the goods are imported from NAFTA countries, providing that certain conditions are met, such that the ultimate purchaser will see the marked container.</p>	M	PASS
Use Labeling	CPSD-HL-01057-MTHD / Visual	1	Use / care instructions that are clear and understandable shall be provided in language appropriate to destination countries.	NA	-
Cautionary statements	CPSD-HL-01057-MTHD / Visual	1	Provides cautionary labeling as appropriate in language of countries of distribution.	NA	-



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**CPSD - 06060 - CN
GLASSWARE (V5)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Claim verification - level 2	CPSD-GB-08612-MTHD	All	<p>Examine the retail packaging (or submitted artwork).</p> <p>Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly.</p> <p>Record testing that extend beyond existing net quantity / dimensional testing on this protocol.</p> <p>Record all other objective (factual) and subjective (opinion) claims as "NT" and rate as "DATA".</p> <p>Record information evaluated between the graphic imagery and the product.</p> <p>Record disclaimers on datasheet.</p>	<p>DATA See claims data table</p>	-
ANALYTICAL					
* Extractable lead and cadmium - interior	Canada Glazed Ceramics and Glassware Regulations (SOR/98-176) / CPSD-AN-00011-MTHD	6	<p>Food contact article, which is completely or partly made of ceramic, porcelain or glass and completely or partly covered with coating, glaze or decoration, shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits:</p> <p>Cadmium (Cd): 0.25 ppm (mg/L) (any one of 6 units for Large hollowware and Pitchers) 0.5 ppm (mg/L) (any one of 6 units for Small hollowware, Cups and Mugs) 0.5 ppm (mg/L) (any one of 6 units for Flatware)</p> <p>Lead (Pb): 1.0 ppm (mg/L) (any one of 6 units for Large hollowware) 2.0 ppm (mg/L) (any one of 6 units for Small hollowware) 0.5 ppm (mg/L) (any one of 6 units for Cups, Mugs and Pitchers) 3.0 ppm (mg/L) (any one of 6 units for Flatware)</p>	NA	-



**CPSD - 06060 - CN
 GLASSWARE (V5)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Extractable lead and cadmium in lip and rim	Canada Glazed Ceramics and Glassware Regulations (SOR/98-176) / CPSD-AN-00011-MTHD	6	External decorated lip and rim area of beverage products shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits in any of the 6 units: Cadmium (Cd): 0.4 ppm (mg/L) Lead (Pb): 4.0 ppm (mg/L) Note: For drinking vessel with decoration on lip and rim area (20 mm in height, measured from the superior edge.)	NA	-
* Total lead content in surface coatings	CPSD-AN-00009-MTHD	-	All accessible surface coatings in the as received state on the item outside of the scope of CCPSA shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content. Report actual results or include data table within report. Component testing is allowed. Composite up to 3 colors are allowed.	NA	-
HAZARDS					
Exposed edges - metals	SOR/2011-17 section 8 modified	--	[If applicable] Shall not reveal hazards associated with exposed metal edges. All edges shall be folded back or sprayed with or dipped in paint or otherwise treated in order to eliminate all sharpness and burrs. Modification = Expanded scope to other products	NA	-
Exposed edges - plastics	SOR/2011-17 section 10 modified	--	[If applicable] Shall not reveal hazards associated with exposed sharp plastic edges through reasonably foreseeable use Modification = Expanded scope to other products	M	PASS
Wooden surfaces, edges and corners	SOR/2011-17 section 11 modified	--	[If applicable] Shall have all of its exposed wooden surfaces, edges and corners smoothly finished Modification = Expanded scope to other products	NA	-



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**CPSD - 06060 - CN
GLASSWARE (V5)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Exposed edges and corners on glass	SOR/2011-17 section 12 modified	--	[If applicable] Shall have all of its edges and corners of the glass smoothly finished Modification = Expanded scope to other products	M	PASS
Exposed ends on wire frame or structure	SOR/2011-17 section 9 modified	--	Shall not reveal hazards from exposed sharp ends on wire frames or structures, prior to or following reasonably foreseeable use. All wire ends shall be covered, turned in or turned back. Modification = Expanded scope to other products	NA	-
PHYSICAL CHARACTERISTICS					
Overall Dimensions	CPSD-HL-01056-MTHD / Standard measure	1	Report overall dimensions; shall meet label claims (If applicable) (-0% / +5%).	C: No Claim R: 2.5W x 2.5 L x 9.5 H, 2.5 W x 2.5 L x 6.25 H	DATA
Weight	CPSD-HL-01056-MTHD / Standard measure	1	Report overall weight; shall meet label claims (If applicable) (-0% / +5%).	NA	-
Capacity	CPSD-HL-06000-MTHD / Volumetric	1	Report overall capacity; shall meet label claims (If applicable) (-0% / +5%).	C: 9 oz (250 ml), 4 oz (120 ml) R: 9 oz (250 ml), 4 oz (120 ml)	PASS
Color	Visual / CPSD-HL-01057-MTHD	1	As claimed	C: No Claim R: pink, green, yellow, blue	DATA
Parts Inventory	CPSD-HL-01057-MTHD / Visual	1	Shall meet label claims.	NA	-
WORKMANSHIP					
Warpage	CPSD-HL-01057-MTHD / Visual	1	Shall not rock appreciably on smooth surface and not show warpage.	NA	-
Defects	CPSD-HL-01057-MTHD / Visual	All	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.	M	PASS
Defects	CPSD-HL-01057-MTHD / Visual	All	Shall have no components missing, malformed, and / or fractured.	M	PASS
PERFORMANCE					
Actual use - functionality - not covered by other tests	CPSD-HL-01058-MTHD / Actual Use	All	Shall function as intended as received. Report details of evaluation, e.g., features tested, methods used, materials used, etc. Report any features not evaluated.	NT	-



**CPSD - 06060 - CN
 GLASSWARE (V5)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Effects Of Boiling Water	CPSD-HL-01013-MTHD	1	Shall withstand 2 hours of boiling water with no change or adverse effects	NT	-
Lid Seating and Fit	CPSD-HL-01057-MTHD / Visual	1	[If Applicable] Shall be seated evenly, no warpage, no leakage. If intended to fit snugly test with full contents and tip upside down. Lid shall not fall off.	NA	-
Handle Strength - Load	CPSD-HL-01027-MTHD	1	Shall not exhibit permanent structural deformation and or loosening of handle when lifted for 2 minutes after being loaded 2 times the volume capacity weight. Record test load and other observations.	NA	-
Glass Properties: Thermal Shock	ASTM F2179-02 (R2007) (Mod.) / ASTM C149 Modified	3	Determine the cold water bath temperature based on the available tap water temperature, and adjust the temperature of the hot water bath to be 90 °F higher than the cold water. Once the temperature of the hot water bath has been established, place the samples in the hot water bath for 10 minutes. Remove the samples from the hot water bath and place them into the cold water bath with a time lapse of no more than 15 seconds. Be sure to empty the hot water out of the sample containers. Maintain the samples in the cold water bath for 30 seconds. Dry the containers and visually inspect for cracking or fractures. Mod. = Expanded scope to other products Mod = hot bath 10 minutes in place of 5	M	PASS
Thermal Shock	CPSD-HL-01026-MTHD	1	[For Borosilicate Glass Items And Items Used For High Temperature Liquids, Fats etc., Plates, Mugs & Bowls] Shall exhibit no major damage such as cracking, breakage or any loss of functionality after initially pre-heating inside an oven at 350°F for 2 hours and then immediately submerged into water at 68°F ± 5°F. Report any minor changes, such as recoverable minor deformation that does not have a significant effect on function / aesthetics.	M	PASS



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**CPSD - 06060 - CN
GLASSWARE (V5)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Dishwasher Safe	CPSD-HL-01014-MTHD	1	[If Applicable] Shall exhibit no surface degradation such as cracks, color fading, scratches, or deformation such as warping after 5 cycles.	M	PASS
Microwave Exposure	CPSD-HL-01024-MTHD	1	[If Applicable] [For non metal only] Fill the product to 75% of capacity with water. Microwave for 5 minutes at 1000W (or equivalent energy). - Shall have no damage, deformation or discoloration. - Graspable surface areas shall not exceed 140°F.	NA	-
Effects Of Extreme Temperature Change	CPSD-HL-01012-MTHD	1	Shall withstand for 24 hours at 0°F and then 24 hours at 120°F with no structural failure or visual change.	NT	-
* Resistance to corrosion	ASTM B117-09 modified / CPSD-HL-01010-MTHD	--	[Applicable to samples / sample components constructed of metal or samples with metallic coatings that can be exposed to the environment] Shall withstand 24 hours in 1% salt spray (fog) with no noticeable oxidation / corrosion / visual changes. Modification = 1% salt spray (fog).	NA	-



Key:

* Additional Charge For This Test
** Mandatory Requirement
By Request Only

Result Key:

C Claimed
R Recorded
M Meets
NM Does Not Meet
NA Not Applicable
NT Not Tested

Rating Key:

PASS Pass
FAIL Fail

No. Of Samples Required for Complete Testing	15 per color
No. Of (Fully Packed) Cartons For Transit Testing:	1
No. Of Working Days For Complete Testing:	7

Client Approval: /
Creation Date: JULY 08, 2010
Last Revision Date: AUGUST 09, 2011
Pricing Review Date:
Technical Review Date:



BUREAU VERITAS TEST PROTOCOL FOR
CPSD-06060-US
GLASSWARE (V10)

Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
SUPPLEMENTAL PROTOCOLS					
# California Proposition 65	CPSD-AN-PTCL-06572-US	-	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. For samples that fall under the scope of CAProp 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to labeling section for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.	NA	-
*Non-CPSIA Requirements	CPSD-GB-PTCL-08443-US	-	All samples shall be reviewed against the requirements of Non-CPSIA Requirements supplemental protocol to determine if additional testing or labeling is required.	NA	-
* Food contact	CPSD-AN-PTCL-06001-US	-	The sample shall meet requirements of supplemental Protocol CPSD-AN-PTCL-06001-US Food contact	NA	-
Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocols is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.					
LABELING					
One Time Use Products **Fair Packaging and Labeling Act OR All Other Products **Uniform Packaging and Labeling Regulations	F.P. & L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	1	Manufacturer, Packer, or Distributor's Name & Address (City, State & ZIP Code)	DATA	-
			Product Identification	M	PASS
			Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units).	M	PASS



CPSD-06060-US
GLASSWARE (V10)

Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
**Country of Origin Marking	19 CFR 134	1	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	M Bottle and nipple made in France Sleeve made in USA Plastic parts made in China (pdf of label submitted)	PASS
Use Labeling	CPSD-HL-01057-MTHD	1	Use/care instructions that are clear and understandable shall be provided in language appropriate to destination countries.	NA	-
Claim verification - level 2	CPSD-GB-08612-MTHD	All	Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Record testing that extend beyond existing net quantity / dimensional testing on this protocol. Record all other objective (factual) and subjective (opinion) claims as "NT" and rate as "DATA". Record information evaluated between the graphic imagery and the product. Record disclaimers on datasheet.	DATA See claims data table	-
Cautionary Statements	CPSD-HL-01057-MTHD	1	Provides cautionary labeling as appropriate in language of countries of distribution.	NA	-
PHYSICAL CHARACTERISTICS					
Dimensions	CPSD-HL-01056-MTHD	1	Report overall dimensions; shall meet label claims (If applicable) (-0% / +5%).	C: No Claim R: 2.5W x 2.5 L x 9.5 H, 2.5 W x 2.5 L x 6.25 H	DATA
Weight	CPSD-HL-01056-MTHD	1	Report overall weight; shall meet label claims (If applicable) (-0% / +5%).	NA	-
Capacity	CPSD-HL-06000-MTHD	1	Report overall capacity; shall meet label claims (If applicable) (-0% / +5%).	C: 9 oz (250 ml), 4 oz (120 ml) R: 9 oz (250 ml), 4 oz (120 ml)	PASS
Warpage	CPSD-HL-01057-MTHD	1	Shall not rock appreciably on smooth surface and not show warpage.	NA	-
Color	CPSD-HL-01057-MTHD	1	As claimed	C: No Claim R: pink, green, yellow, blue	DATA



CPSD-06060-US
GLASSWARE (V10)

Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
Parts Inventory	CPSD-HL-01057-MTHD	1	Shall meet label claims.	NA	-
CONSTRUCTION & WORKMANSHIP					
Sharp Points / Edges	16 CFR 1500.48 / 1500.49 (Mod.)	All	Shall have no sharp points/edges, other than those required for function. Mod. = Expanded scope to other products	M	PASS
Defects	CPSD-HL-01057-MTHD	All	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.	M	PASS
Workmanship	CPSD-HL-01057-MTHD	All	Shall have no components missing, malformed, and/or fractured.	M	PASS
PERFORMANCE					
Functionality	CPSD-HL-01058-MTHD	All	Shall function as intended. Report details of evaluation (materials used / features tested / consumables / method / etc.)	NT	-
Effects Of Boiling Water	CPSD-HL-01013-MTHD	1	Shall withstand 2 hours of boiling water with no change or adverse effects	NT	-
Lid fitting	CPSD-HL-01058-MTHD	1	Lid should fit securely without excessive looseness	NA	-
Handle Strength - Load	CPSD-HL-01027-MTHD	1	Shall not exhibit permanent structural deformation and or loosening of handle when lifted for 2 minutes after being loaded 2 times the volume capacity weight. Record test load and other observations.	NA	-



CPSD-06060-US
GLASSWARE (V10)

Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
Thermal shock	ASTM F2179-02 (R2007) Section 4.2 modified/ ASTM C149-05	1	Determine the cold-water bath temperature based on the available tap water temperature, and adjust the temperature of the hot water bath to be 90° F higher than the cold water. Once the temperature of the hot water bath has been established, place the samples in the hot water bath for 5 minutes. Remove the samples from the hot water bath and place them into the cold-water bath with a time lapse of no more than 15 seconds. Be sure to empty the hot water out of the sample containers. Maintain the samples in the cold-water bath for 30 seconds. Dry the containers and visually inspect for cracking or fractures. Report findings. Any cracking or fractures is considered a failure. Modification = expanded scope to other products	M	PASS
Thermal shock	CPSD-HL-01026-MTHD		Shall exhibit no major damage such as cracking, breakage or any loss of functionality after initially pre-heating inside an oven at 177°C ± 3°C (350.6°F ± 5.4°F) for 2 hours ± 5 mins and then immediately submerged into water at 20°C ± 5°C (68°F ± 9°F). Report any minor changes, such as recoverable minor deformation that does not have a significant effect on function and aesthetics.	M	PASS
Dishwasher exposure	CPSD-HL-01014-MTHD		Shall exhibit no surface degradation such as cracks, color fading, scratches, or deformation such as warping after 5 cycles.	M	PASS



CPSD-06060-US

GLASSWARE (V10)

Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
Microwave Exposure	CPSD-HL-01024-MTHD		<p>Sample is placed in condition room at 59 – 86 degree F (15 – 30 degree C) for at least 2 hours before the test. After removing the sample from condition room. Filled the test item with 75% water according to different types of item.</p> <p>Microwave the sample for 5 minutes with power of the microwave at 1000 W (or equivalent energy i.e. 300 kJ.).</p> <p>Sample shall withstand test with no distortion, melting, surface deformation or staining after the test. For sample with handle, The temperature of the gripping area shall not exceed 140 degree F (60 degree C) and record the results as "Data Only."</p>	NA	-
Effects Of Extreme Temperature Change	CPSD-HL-01012-MTHD	1	Shall withstand for 24 hours at 0°F and then 24 hours at 120°F with no structural failure or visual change.	NT	-
Resistance To Corrosion (Metal Components)	CPSD-HL-01010-MTHD	1	Shall not exhibit significant corrosion as compared to the control sample after 24 hours exposure to 1% salt fog.	NA	-

Key:

* Additional Charge For This Test ** Mandatory Requirement

Results Key:

M	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
C	Claimed	R	Recorded

No. Of Samples Required For Complete Testing:	15	Per color
No. Of (Fully Packed) Cartons For Transit Testing:	1	
No. Of Working Days For Complete Testing:	7	

Creation Date: July 1, 1996
 Editorial Revision Date: AUGUST 08, 2011
 Pricing Review Date:
 Technical Review Date: May 9, 2005



**BUREAU VERITAS TEST PROTOCOL FOR
 CPSD-08001-CN
 CHILDREN'S PRODUCTS (NON-TOYS, 0 – 14 YEARS) (V24)**
 (This protocol does not cover apparels and furniture)

Evaluation	Citation/Method	Criteria	Rating
SUPPLEMENTAL PROTOCOLS			
*Upholstered and Stuffed Articles Label	Applicable Section from Protocol CPSD-GB-PTCL-01990-CN	All applicable samples shall be reviewed against the requirements of the applicable Provincial Regulation (Ontario, Quebec or Manitoba) for Upholstered and Stuffed Articles labeling. This also applies to items with Filling Materials that include solid cores with non-textile outer coverings including finishes such as lacquers, acrylics and sugar beaded finishes.	NA
LABELING REQUIREMENTS			
Packaging and Labeling Evaluation			
Consumer packing and labeling act and regulations	Consumer packaging and labeling act and regulations C.R.C.,c.417 section 6	<p>Product Identity - English and French, PDP, Bold.</p> <p>Product Net Quantity shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison - English and French and Metric, PDP, Bold.</p> <p>Manufacturer or Distributor's Name and Place of Business (city and postal code) - English or French, placed anywhere except bottom. Minimum 1.6 mm type size</p> <p>Where a prepackaged product is wholly manufactured or produced in a country other than Canada, the marking shall consist of one of the following:</p> <ul style="list-style-type: none"> -The name and address of a Canadian dealer preceded by the words "imported by" ("importé par") or "imported for" ("importé pour"); or -The statement of geographic origin located immediately adjacent to the name and address of a Canadian dealer; or -The name and address of the dealer outside Canada 	M
Consumer packing and labeling act and regulations	Consumer packaging and labeling act and regulations C.R.C.,c.417 section 6	All mandatory labeling information must be shown in both French and English languages. The type of mandatory labeling that is required includes, but is not limited to, any written statement or warning, product identity, net content and ingredient declarations. The names and address of the manufacturer and country of origin labeling requirements may be presented in either French or English. Other supplemental label information that is considered to be non-mandatory (e.g. directions for use) also does not have to appear in a bilingual manner. However, manufacturers are encouraged to include such information in a bilingual format if plausible.	M
Quebec Labeling	Charter of the French language R.S.Q. c.C-11	Every inscription on a product container, wrapping, leaflet, brochure or card supplied with the product, including the directions for use and warranty certificates, must be drafted in French. No inscription in another language may be given greater prominence than that in French.	M



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 CPSD-08001-CN
 CHILDREN'S PRODUCTS (NON-TOYS, 0 – 14 YEARS) (V24)**
 (This protocol does not cover apparels and furniture)

Evaluation	Citation/Method	Criteria	Rating
Country of Origin Marking	Canada Customs Tariff, Marking of Imported Goods Regulations, SOR-94-10 Marking of Imported Goods Memorandum D11-3-1	a) Imported goods shall indicate country of origin. b) Must be legible and sufficiently permanent to remain on the goods until it reaches the purchaser. c) For goods from NAFTA countries, the language may be English, French or Spanish. d) For goods from non-NAFTA countries, language may be English or French and marking should appear on individual articles. e) If the packaging conceals the Country of Origin mark, then the packaging must also be marked. f) There is a provision to mark only the container if the goods are imported from NAFTA countries, providing that certain conditions are met, such that the ultimate purchaser will see the marked container.	M
Parts Labeling	Visual	Shall match the actual content if present	NA
Instructions	Visual	Shall be legible and easy to understand; instructions shall be consistent with sample performance	M
*Cosmetic labeling review	Canada Cosmetic Regulations C.R.C., c. 869	Shall comply with the labeling requirements specified in Cosmetic Regulations C.R.C., c. 869. Vendor shall be responsible for the accuracy of information contained.	NA
*Cosmetic ingredient review	Canada Cosmetic Regulations C.R.C., c. 869	Shall comply with the ingredient requirements specified in Cosmetic Regulations C.R.C., c. 869. Vendor shall be responsible for the accuracy of information contained.	NA
*Food labeling review	Canada Food and Drug Regulations C.R.C., c. 870	Shall comply with the labeling requirements specified in Food and Drug Regulations C.R.C., c. 870. Vendor shall be responsible for the accuracy of information contained	NA
*Food ingredient review	Canada Food and Drug Regulations C.R.C., c. 870	Shall comply with the ingredient requirements specified in Food and Drug Regulations C.R.C., c. 870. Vendor shall be responsible for the accuracy of information contained	NA



**BUREAU VERITAS TEST PROTOCOL FOR
 CPSD-08001-CN
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Evaluation	Citation/Method	Criteria	Rating
Hazardous Products (Tents) Regulations	SOR/90-245 Section 4	<p>A product shall have a label that is permanently affixed to the product at a prominent location and that displays in a legible manner in both official languages</p> <p>(a) the following statement in upper-case letters not less than 3 mm in height: "WARNING: KEEP ALL FLAME AND HEAT SOURCES AWAY FROM THIS TENT FABRIC/MISE EN GARDE : TENIR LE TISSU DE CETTE TENTE LOIN DE TOUTE FLAMME ET DE TOUTE SOURCE DE CHALEUR";</p> <p>(b) the following statement: "This tent is made of flame-resistant fabric. It is not fireproof. The fabric will burn if left in continuous contact with a flame source./Cette tente est fabriquée d'un tissu résistant au feu, mais qui n'est pas ininflammable. Ce tissu brûlera s'il est laissé en contact continu avec une source d'inflammation."; and</p> <p>(c) the information set out in Schedule I, in the words used in that schedule or in other words that convey the same meaning.</p>	NA
SAFETY REQUIREMENTS			
Canada Toy Regulation	SOR/2011-17	Shall comply with the labeling and mechanical hazards requirements of the Toy Regulations	M
*Total lead content in surface coatings	Canada Surface Coating Materials Regulations (SOR/2005-109) section 7.2 / CPSD-AN-00009-MTHD	<p>All accessible surface coatings in the as received state on furniture and other article for children shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional up to 12 pieces of samples. If it is still insufficient, vendor needs to provide wet paints, dipped parts or components/parts for testing.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed. Composite up to 3 colors are allowed. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed.</p>	NA



**BUREAU VERITAS TEST PROTOCOL FOR
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 (This protocol does not cover apparels and furniture)

Evaluation	Citation/Method	Criteria	Rating
*Total lead content in surface coatings	Canada Surface Coating Materials Regulations (SOR/2005-109) section 7.3 / CPSD-AN-00009-MTHD	<p>All accessible surface coatings in the as received state on pencils and artists' brushes shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional up to 12 pieces of samples. If it is still insufficient, vendor needs to provide wet paints, dipped parts or components/parts for testing.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed. Composite up to 3 colors are allowed. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed.</p>	NA
*Heavy metal contents in surface coatings	Canada Toys Regulations (SOR/2011-17) section 23 / CPSD-AN-00009-MTHD	<p>All accessible surface coatings in the as received state on toys that is intended for use by a child in learning or play shall comply with the following requirements:</p> <p>(a) Shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content, (b) Shall not have soluble antimony, arsenic, cadmium, selenium or barium in excess of 0.1% (1000ppm), (c) Shall not contain any mercury or mercury components (10mg/kg).</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional up to 12 pieces of samples. If it is still insufficient, vendor needs to provide wet paints, dipped parts or components/parts for testing.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed. Composite up to 3 colors are allowed. For requirement (a), if any color in the composite exceeds 80% of the limit, based on the lowest weight component, individual colors will be analyzed.</p>	NA



**BUREAU
VERITAS**

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 CHILDREN'S PRODUCTS (NON-TOYS, 0 – 14 YEARS) (V24)**
 (This protocol does not cover apparels and furniture)

Evaluation	Citation/Method	Criteria	Rating
*Total lead content in surface coatings	Canada Consumer Products Containing Lead (Contact with Mouth) Regulations (SOR/2010-273) / CPSD-AN-00461-MTHD	<p>Products for all ages (including adults) that have accessible surface coatings that come into contact with the user's mouth during normal use shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed. Composite up to 3 similar materials is allowed. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed.</p> <p>Note: The following products are excluded: - Kitchen utensils, - Jewelry under Children's Jewelry Regulations - Products subject to Glazed Ceramic and Glassware Regulations.</p>	NA
*Total lead content in substrate materials	Canada Consumer Products Containing Lead (Contact with Mouth) Regulations (SOR/2010-273) / CPSD-AN-00461-MTHD	<p>All accessible substrates, in the as received state, of products intended for use in play or learning for children under 3 years of age, shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed. Composite up to 3 similar materials is allowed except metals. If any material in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual materials will be analyzed.</p> <p>Note: The following products are excluded: - Jewelry under Children's Jewelry Regulations - Products subject to Glazed Ceramic and Glassware Regulations. - The following materials will be exempted from testing. It is the vendors responsibility to ensure compliance to the applicable requirements: Non-suspect materials as defined by the Consumer Products Safety Commission in 16 CFR 1500.91 (d) and (e) (refer to exemption list of lead in substrate in the CPSD-GB-PTCL-08444-US protocol for detail).</p>	M



**BUREAU VERITAS TEST PROTOCOL FOR
 CPSD-08001-CN
 CHILDREN'S PRODUCTS (NON-TOYS, 0 – 14 YEARS) (V24)**
 (This protocol does not cover apparels and furniture)

Evaluation	Citation/Method	Criteria	Rating
<p>*Total lead content in substrate materials</p>	<p>Canada Consumer Products Containing Lead (Contact with Mouth) Regulations (SOR/2010-273) / CPSD-AN-00461-MTHD</p>	<p>Products for all ages (including adults) that have accessible substrates that come into contact with the user's mouth during normal use shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed.</p> <p>Composite up to 3 similar materials is allowed except metals. If any material in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual materials will be analyzed.</p> <p>Note: The following products are exclude:</p> <ul style="list-style-type: none"> - Kitchen utensils, - Jewelry under Children's Jewelry Regulations - Products subject to Glazed Ceramic and Glassware Regulations. - The following materials will be exempted from testing. It is the vendors responsibility to ensure compliance to the applicable requirements: Non-suspect materials as defined by the Consumer Products Safety Commission in 16 CFR 1500.91 (d) and (e) (refer to exemption list of lead in substrate in the CPSD-GB-PTCL-08444-US protocol for detail). 	<p align="center">M</p>
<p>*BBP / DBP / DEHP content *DNOP / DINP / DIDP content</p>	<p>Canada Phthalates Regulations (SOR/2010-298) / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD</p>	<p>Accessible vinyl (PVC) component and inaccessible plastic sheath of electrical wires on children's toys and childcare article, in the as received state, shall not contain concentration 1000mg/kg (ppm) BBP, DBP or DEHP individually.</p> <p>Accessible vinyl (PVC) on toys or childcare articles, in the as received state, which can, in a reasonably foreseeable manner, be placed in the mouth of a child under 4 years of age shall not contain concentration more than 1000mg/kg (ppm) DINP, DIDP or DnOP individually.</p> <p>For the purpose of this ban: "Children's toys" means a product that is intended for use by a child under 14 years of age in learning or play. "Child care article" means a product that is intended to facilitate the relaxation, sleep, hygiene, feeding, sucking or teething of a child under four years of age. "Can be placed in the mouth" means (1) an item that can be brought to the mouth and kept there so that it can be sucked or chewed AND (2) one if its dimension is less than 5cm. If a part of a toy or child care article is inflatable, its dimension must be determined in its deflated state.</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components or parts for testing.</p> <p>Report actual results or include data table within report. Compositing up to 3 like materials is allowed.</p>	<p align="center">M</p>



**BUREAU VERITAS TEST PROTOCOL FOR
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Evaluation	Citation/Method	Criteria	Rating
Cellulose nitrate	SOR/2011-17 Section 21	Shall not exhibit burn characteristics associated with materials in whole or in part, made of or impregnated with Celluloid or Cellulose Nitrate. (If the result is negative, verify the presence of Celluloid or Cellulose Nitrate by "Identification of cellulose nitrate")	M
*Identification of cellulose nitrate	Canada Toys Regulations (SOR/2011-17) section 21 / CPSD-AN-00042-MTHD	A toy that is intended for use by a child in learning or play, other than a ping-pong ball, shall not be made of or impregnated with celluloid or cellulose nitrate. Note: Perform this test when the result of Cellulose nitrate is negative (Refer to Cellulose nitrate test line for detail).	NA
*Canadian Flammability - Textile Products	Textile Flammability Regulations / CAN/CGSB-4.2 No.27.5:1994	Time of flame spread shall be (a) greater than 3.5 seconds where the product does not have a raised fiber surface, or (b) time of flame spread shall be greater than 4.0 seconds, where the product has a raised fiber surface and exhibits ignition or fusion of the base fibers	NA
*Canadian Flammability – Bedding	Textile Flammability Regulations / CAN/CGSB-4.2 No.27.5:1994	Applies to products made in whole or in part of textile fibers and designed for use on a pillow or on a bed , cot , crib, or other furniture designed to be used for sleeping Time of flame spread shall be a) greater than 7.0 seconds where the product does not have a raised fiber surface, or b) time of flame spread shall be greater than 7.0 seconds, where the product has a raised fiber surface and exhibits the ignition or fusion of the base fibers	NA
*Extractable lead and cadmium - interior	Canada Glazed Ceramics and Glassware Regulations (SOR/98-176) / CPSD-AN-00011-MTHD	Food contact article, which is completely or partly made of ceramic, porcelain or glass and completely or partly covered with coating, glaze or decoration, shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits: Cadmium (Cd): 0.25 ppm (mg/L) (any one of 6 units for Large hollowware and Pitchers) 0.5 ppm (mg/L) (any one of 6 units for Small hollowware, Cups and Mugs) 0.5 ppm (mg/L) (any one of 6 units for Flatware) Lead (Pb): 1.0 ppm (mg/L) (any one of 6 units for Large hollowware) 2.0 ppm (mg/L) (any one of 6 units for Small hollowware) 0.5 ppm (mg/L) (any one of 6 units for Cups, Mugs and Pitchers) 3.0 ppm (mg/L) (any one of 6 units for Flatware)	NA
*Extractable lead and cadmium in lip and rim	Canada Glazed Ceramics and Glassware Regulations (SOR/98-176) / CPSD-AN-00011-MTHD	External decorated lip and rim area of beverage products shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits in any of the 6 units: Cadmium (Cd): 0.4 ppm (mg/L) Lead (Pb): 4.0 ppm (mg/L) Note: For drinking vessel with decoration on lip and rim area (20 mm in height, measured from the superior edge.)	NA



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Evaluation	Citation/Method	Criteria	Rating
*Lead content in children's jewelries	Canada Children's Jewelry Regulations (SOR/2011-19) / CPSD-AN-00005-MTHD	Jewelry that is intended for children under 15 years of age shall comply with following requirements: (i) Shall not contain total lead content in exceed of 600mg/kg and, (ii) Shall not contain migratable lead content in exceed of 90mg/kg. Note: Excluding merit badges, medals for achievement or other similar objects normally worn only occasionally.	NA
*Canadian Mercury in Cosmetics	Cosmetic Regulations C.R.C., c. 869	Cosmetics shall NOT contain mercury or a salt or derivative thereof unless (a) it is intended for use in the area of the eye; (b) the mercury or its salt or derivative thereof is used as a preservative; and (c) the manufacturer or importer has evidence demonstrating that the only satisfactory way to maintain the sterility or stability of the cosmetic is to use mercury or a salt or derivative	NA
Toxicological risk assessment - document review	Canada Toys Regulations (SOR/2011-17) section 25 and 26/ CPSD-GB-00001-MTHD	Shall not allow access to toxic substances that may be ingested, inhaled, or absorbed through the skin OR the total quantity shall not exceed the specified limit; and shall not allow access to corrosive substances, irritants, or sensitizers that may come in contact with the skin OR shall not present the hazard as specified. Toxicity Risk Assessment shall be conducted for the following components: • All toy cosmetics, liquids, pastes, putties, gels and powders regardless of claim • Other materials bearing a "NON-TOXIC" claim on samples and/or its packaging In lieu of testing, test report can be submitted if dated within five year.	NA
Hazardous substances - document review	Canada Toys Regulations (SOR/2011-17) section 22 / CPSD-GB-00001-MTHD	A toy that is intended for use by a child in learning or play shall NOT contain any of the following substances if it can, under reasonably foreseeable circumstances, become accessible to a child or, if the substances are used as filling that may be released on breakage or leakage: (a) carbon tetrachloride or any substance containing carbon tetrachloride, (b) methyl alcohol or any substance containing more than 1% weight to volume of methyl alcohol, (c) petroleum distillates or any substance containing more than 10% weight to volume of petroleum distillates, (d) benzene, (e) turpentine or any substance containing more than 10% weight to volume turpentine, (f) boric acid or salts of boric acid, or (g) ethyl ether In lieu of testing, test report can be submitted if dated within one year.	NA
*Electrically operated toys	SOR/2011-17 section 5	A toy that is operated electrically shall meet the requirements of Canadian Standards Association Standard C22.2 No. 149-1972, entitled Electrically Operated Toys. All samples shall be reviewed and tested to the appropriate requirements of protocol/datasheet for C22.2 No. 149-1972.	NA
Radio standards spec. (RSS) for R/C toy - doc	RSS-210 or RSS-310	Intentional radiator shall meet the requirements of RSS-210 or RSS-310. In lieu of testing, test report can be submitted if dated within two year.	NA



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Evaluation	Citation/Method	Criteria	Rating
*Safety Agency Listing Verification	E – 1090	Verify Client Acceptable Safety Agency Listing by contacting Listing Agency with the sample's Listing Number, Manufacturer, Model Number, and/or Agency Control Number. Shall be verified.	NA
*Transmittance properties for sunglasses and eyewears	ANSI Z80.3-2010 clause 4.6.1 to 4.6.3, 4.6.5, 4.7.3 to 4.7.4 and 4.8 / CPSD-AN-00102-MTHD	Non-prescription sunglasses and fashion eyewear shall comply with the requirements. Sunglasses containing a UVA/UVB protection, Traffic signal recognition and/or other ANSI Z80.3 claim will be tested to substantiate such claims.	NA
Sterility test on liquid filled baby products – document review	Canada Consumer Product Safety Act (S.C. 2010, c.21) Schedule 2, item 4/ USP<71> / CPSD-GB-00001-MTHD	Products for babies, including teether, soother and pacifier, that are put in the mouth when used and that contain a filling shall not have a viable microorganism per USP <71> sterility test. In lieu of testing, test report can be submitted if dated within one year.	NA
*Pacifiers and similar products	SOR/2011-17 section 45	Shall comply with the Toxicity and Design and Construction requirements specified by the Hazardous Products (Pacifiers) Regulations	NA
Nitrosamine content in pacifier – document review	Canada Hazardous Products (Pacifiers) Regulations (C.R.C., c. 930) section 5(3) / CPSD-GB-00001-MTHD	Any part or component of the pacifier and similar products for babies that are put in the mouth when used, shall not contain more than 10 micrograms per kilogram total volatile N-nitrosamines. Note: Excluding pacifier that contain a filling under CCPSA Schedule 2 item 4. <u>In lieu of testing, test report can be submitted if dated within one year</u>	NA
Nitrosamine content in infant feeding bottle nipples – document review	Canada Hazardous Products (Infant Feeding Bottle Nipples) Regulations (SOR/84-271) / CPSD-GB-00001-MTHD	Any part or component of the infant feeding bottle nipples and other similar products that, when used, are put in the mouth of an infant, shall not contain more than 10micrograms per kilogram total volatile N-nitrosamines. In lieu of testing, test report can be submitted if dated within one year	M
*Hazardous Products (Tents) Regulations	SOR/90-245 Sections 5 & 6	Shall comply with the requirements specified.	NA
*Leakage Test	Consumer Chemicals and Containers Regulations, SOR-2001-269, Section 7 - 8	A container (except single-use container) of a liquid chemical product must pass the leakage test described in Schedule 3 of this regulations	NA
*Child-Resistant Container	Consumer Chemicals and Containers Regulations, 2001, SOR-2001-269, Section 9 – 14, 40 & 47	Chemical products (e.g. glue or adhesive in repair kit) that are classified as toxic and corrosive under section 33 and 41 respectively must be in a child-resistant container which (a) is constructed so that it can be opened only by operating, puncturing or removing one of its functional and necessary parts using a tool that is not supplied with the container; or (b) meet the child test protocol requirements of one of CSA-Z76.1, ISO 8317 or 16 CFR 1700.20 or a standard that is at least equivalent. AND Maintain its child-resistant characteristics throughout the useful life of the product.	NA



**BUREAU VERITAS TEST PROTOCOL FOR
 CPSD-08001-CN
 CHILDREN'S PRODUCTS (NON-TOYS, 0 – 14 YEARS) (V24)**
 (This protocol does not cover apparels and furniture)

Evaluation	Citation/Method	Criteria	Rating
WORKMANSHIP AND PERFORMANCE REQUIREMENTS			
Function	Per instruction or Intended	Shall function as intended	NT
*Air Leakage For Inflatable	Per Criteria	Inflatable shall be evaluated for air leakage for duration of one hour.	NA
*Dishwasher claim verification	CPSD-HL-01014-MTHD (modified)	Items containing a dishwasher safe claim shall exhibit no surface degradation such as cracks, color fading, scratches, or deformation such as warping after 5 cycles. Modification: modify the scope to items containing a dishwasher safe claim only	M
*Microwave claim verification	CPSD-HL-01024-MTHD (modified)	Items containing a microwave safe claim shall withstand test with no distortion, melting, surface deformation or staining after the test. Sample is placed in condition room at 59 – 86 degree F (15 – 30 degree C) for at least 2 hours before the test. After removing the sample from condition room. Filled the test item with 75% water according to different types of item. Microwave the sample for 5 minutes with power of the microwave at 1000 W (or equivalent energy i.e. 300 kJ.). For sample with handle, The temperature of the gripping area shall not exceed 140 degree F (60 degree C) and record the results as "Data Only." Modification: modify the scope to items containing a microwave safe claim only	NA
*Freezer claim verification	CPSD-HL-01008-MTHD (modified)	Items containing a freezer safe claim shall exhibit no visual changes, functionality failure, structural failure and /or permanent deformation after a 4 hour exposure in a freezer chilled to 0°F. Record (if any) changes after removal from freezer and /or after the sample reaches equilibrium with lab environment. Modification: modify the scope to items containing a freezer safe claim only	NA

IMPORTANT NOTE: The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.



Rating Key:

M Meets
 NA Not Applicable
 * Additional Charge For This Test

NM Does Not Meet
 NR Not Requested

Testing Parameter	Age (Months)	Abuse Test Conditions
Drop Test	0 to ≤36	4.5 ft (1.37 m), 4 drops
	>36 to ≤168	3 ft (0.91 m), 4 drops
Tension Test	0 to ≤168	10 lb (44.5 N)

No. of samples required for complete testing:	
Toys and Hardgoods (case by case for assortments)	3
Electric/Battery Operated (per style)	
Electric (per style with adapter/transformer)	
Dinnerware, Mugs, Pitchers, etc (decorated lip/rim)	6 (12)
No. of working days for complete testing	5

Creation Date: June 8, 2004
 Editorial Revision Date: AUGUST 06, 2011
 Pricing Review Date: DECEMBER 12, 2008
 Technical Review Date: APRIL 23, 2010
 Revision No: 24



**BUREAU VERITAS TEST PROTOCOL FOR
 CPSD-08001-US
 CHILDREN'S PRODUCTS (NON-TOYS) (V41)**

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
SCOPE					
This protocol cover product that is designed or intended primarily for use for children 12 years old or younger as per Interpretation of "Children's Product" - 16 CFR Part 1200, General Use Product are not considered as Children's Product and will not be covered under this protocol. This protocol does not cover apparels and furniture.					
SUPPLEMENTAL PROTOCOLS					
* Electronic products	CPSD-4999.9-NA FCC part 15 / IC electronic products	--	Electronic products shall comply with the requirements of the FCC Part 15 protocol. Acceptable documentation supporting FCC Verification or Declaration of Conformity shall be provided by the submitter.	NA	-
* CPSIA Requirements	CPSD-8444-US		Shall meet the applicable requirement as specified.	See CPSD-8444-US Protocol	-
* Food's requirements	CPSD-98XX-US	--	Test to supplementary protocol of CPSD-98XX-US.	NA	-
* Cosmetics' requirements	CPSD-7XXX-US	--	Test to supplementary protocol of CPSD-7XXX-US.	NA	-
LABELING					
One Time Use Products - Fair Packaging and Labeling Act - or all other products - Uniform Packaging and Labeling Regulations	F.P. and L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	--	[Packaging and Labeling Evaluation] - Shall be labeled with product identification. - Shall be labeled with the manufacturer, packer, or distributor's name and address (city, state and ZIP). - Net quantity of contents shall be on PDP and be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (English and metric units). - Glue and Adhesives sold with the product shall comply with the labeling requirements of 16 CFR 500, "Regulations under section 4 of the Fair Packaging and Labeling Act"	M	PASS
Parts Labeling	CPSD-HL-01057-MTHD / Visual	--	[Packaging and Labeling Evaluation] Parts Labeling shall match the actual content if present	NA	-
Accuracy or adequacy of instructions	CPSD-HL-01057-MTHD / Visual	--	[Packaging and Labeling Evaluation] Instructions shall be legible and easy to understand; instructions shall be consistent with sample performance	M	PASS



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
Country Of Origin	19 CFR 134	--	[Packaging and Labeling Evaluation] Shall be marked with the country of origin when imported into the U.S. in a conspicuous place to indicate to the ultimate purchaser in the U.S., the English name of the country of origin. - All individually packaged items shall contain the country of origin - All items shipped in bulk or displayed in bulk must contain the country of origin	M Bottle and nipple made in France Sleeve made in USA Plastic parts made in China (pdf of label submitted)	PASS
Age Grading	CPSC Age Determination Guidelines / 16 CFR Part 1200	--	All products shall be tested according to either the appropriate age grade, as determined by BVCPS, or the labeled age grade if it is more stringent. In the event the sample is not age labeled, BVCPS will determine the appropriate age grade and test accordingly	Label Age Grade: 0-3 months Tested Age Grade: Children's Product from 0 to 3 months of age Appropriate Age Grade: Children's Product from 0 to 3 months of age	DATA
16 CFR 1500.130 Pressurized Container Labeling	16 CFR 1500.130	--	Self-pressurized containers shall conform to the labeling requirements as defined by 16 CFR 1500.130	NA	-
LHAMA evaluation in art materials	16 CFR 1500.14(b)(8) / ASTM D4236-94 (R 2011)	--	Shall contain all required information such as, signal words, list of potentially chronic hazards, name of chronically hazardous component, safe handling instructions and information sources, and conform to the label requirements as defined by 16 CFR 1500.14 / ASTM D4236.	NA	-



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
Clock or watch - special markings	19 CFR 152.11 / Harmonized tariff schedule US chapter 91	--	All imported merchandise shall comply with the classification of the Harmonized Tariff Schedule. Under Chapter 91 of the Harmonized Tariff Schedule watch movements, clock movements and watch cases shall comply with the following marking requirements: - Watch movements shall be marked on the top plates or bridges with the country of manufacture, the name of manufacturer or purchaser and the number of jewels (if any), severing a mechanical purpose as frictional bearings. - Watchcases shall be marked on the inside or outside of the back with the country of manufacture and the name of manufacturer or purchaser. - Watchbands shall be marked conspicuously and indelibly with the country of manufacture. Watches with opto-electronic displays (LCD and LED) are excepted from these requirements.	NA	-
Labeling review: fiber	16 CFR 300 / 303	--	Shall have a label securely affixed that contains: - The name and manufacturer or other marketing or registration number - The country of origin - The generic name and percentage of all fibers in the product	NA	-
Labeling review: care	16 CFR 423	--	Shall have a label securely affixed that contains regular care (customary and routine) information.	NA	-
Labeling of hazardous substances	16 CFR 1500.14(b)(1-5)	--	Substances have a special hazards to health shall have conform labeling requirement as defined by 16 CFR 1500.14(b)(1-5)	NA	-
California tableware safety programs - ceramic or pewter or enamel metalware	California Health and Safety Code Section 108870	--	[Marking] All tableware items distributed in the State of California with lead or cadmium intentionally added or which are unintentionally contaminated must be permanently and indelibly marked with the name, or if the item is too small, a registered trademark, of the manufacturer or importer.	NA	-



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
* Safety Agency Listing Verification	CPSD-EL-01090-MTHD / Verification procedure	--	[SAFETY REQUIREMENTS] Verify Client Acceptable Safety Agency Listing by contacting Listing Agency with the sample's Listing Number, Manufacturer, Model Number, and/or Agency Control Number. Shall be verified.	NA	-
* Labeling review: care	16 CFR 423	--	[SAFETY REQUIREMENTS] For wearing apparel covered by 16 CFR 423: With care label: Conduct laundry test according to the labeled care instruction. Evaluate for general appearance as acceptance criteria. Without care label: Failed for labeling requirement. No softline test will be conducted. For wearing apparel not covered by 16 CFR 423: With care label: Conduct laundry test according to the labeled care instruction. Evaluate for general appearance as acceptance criteria. Without care label: No softline test is required.	NA	-
Battery-operated toys - compartment markings	ASTM F963-08 section 4.25.1 modified	--	Non-replaceable batteries that are accessible with the use of coin, screwdriver or other common household tool shall bear a statement that the battery is not replaceable.	NA	-



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
ANALYTICAL					
* Total mercury content in batteries	Mercury-Containing and Rechargeable Battery Management Act U.S. Pub. L. 104-142 Title II / CPSD-AN-00078-MTHD		Batteries shall comply with one of the following requirements: (i) Alkaline-manganese button cell shall contain less than 25 mg Hg / cell. (ii) Alkaline-manganese battery and Zinc carbon battery shall contain no intentionally added mercury (BV reporting limit is 5 ppm). (iii) No Mercuric-oxide button cell or battery is allowed. Actual testing would be conducted on button cell batteries. It is the vendor's responsibility for the conformity to this requirement for other batteries.	NA	-
* Total mercury content in button cell batteries	Connecticut – CGS Section 22a-616 / Maine – Title 38 Section 1661-C / Rhode Island – Title 23 Chapter 23-24.9-6 / Ohio – ORC 3734.64 / CPSD-AN-00078-MTHD		Shall not be detectable (less than 5ppm) in button cell batteries or any product/novelty items containing such batteries. Note: -For Maine, test applicable to button cell batteries included zinc-air button cell battery, alkaline manganese button cell battery, silver oxide button cell battery stamped with designation SR357, SR362, SR371, SR377 or SR395, and other silver oxide button cell. (Effective date for silver oxide button cell: Jan 1, 2015) -Test is not applicable on product that solely includes a fluorescent light bulb in Ohio states.	NA	-
21 CFR 170.39 Food contact (metal) - doc	21 CFR 170.39	--	All metal components of cups, mugs or other food contact articles shall be constructed of an FDA recognized grade of stainless steel. Stainless Steel Grades: 302, 304, 304F, 316, 321, 410, 416, 420 (cutlery only), 440, 440A, 440C, 904L, A-36 and CF-1018.	NA Not metal	-
* Astm e1086-94 metal composition and gras evaluation	21 CFR 170.39	--	For any other grade of stainless steel or other metal, vendor need to provide the list of compositions or will have the material evaluated which shall be submitted to the FDA for review and approval for use in food contact articles. (Vendor shall be responsible for the accuracy of information provided)	NA	-



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
* Extractable Pb & Cd (interior) FDA	FDA CPG 7117.06 & 7117.07 / California Tableware Safety Law / AOAC 973.32 (2000) / ASTM C738-94 (R2011) / CPSD-AN-00011-MTHD	--	[SAFETY REQUIREMENTS] [Ceramic Interior] Children products made of ceramic intended or likely to hold food shall conform to the applicable requirements of the FDCA, Section 402 (a)(2)(c) and FDA Compliance Policy Guides	NA	-
* Extractable lead and cadmium from ceramic food contact product	CPSD-AN-00011-MTHD	--	[SAFETY REQUIREMENTS] [Prop 65 lead/cad] [12 pcs] Children products made of ceramic intended or likely to hold food shall conform to the applicable requirements of the state of California.	NA	-
* Extractable lead and cadmium from ceramic food contact product	California Health and Safety Code 108860 / CPSD-AN-00011-MTHD	--	[SAFETY REQUIREMENTS] [lead and cadmium] Toys made of ceramic intended or likely to hold food shall conform to the applicable requirements of the state of California.	NA	-
* Extractable Pb & Cd (lip & rim) SGCD	ASTM C927-80 (2004) / CPSD-AN-00011-MTHD	--	Exterior decorations applied within 20 mm of the rim of cups, mugs, glasses or other vessels shall conform to the applicable requirements as defined by the standards	NA	-
Toxics in packaging (TPCH) - documentation review	Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse	--	[SAFETY REQUIREMENTS] This environmentally motivated legislation regulates the amount of lead, cadmium, hexavalent chromium and mercury allowed in packaging materials. It is the vendor's responsibility for the conformity of this requirement.	NR	-



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CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
* 16 CFR 1507 Pyrotechnic Composition	16 CFR 1507.11	--	[SAFETY REQUIREMENTS] Party poppers (also known as champagne party poppers and party surprise poppers) and Christmas crackers shall contain no more than 0.25 grains (16.2 mg) of pyrotechnic material.	NA	-
LHAMA evaluation in art materials - document review	16 CFR 1500.14(b)(8) / ASTM D4236-94 (R 2011) / CPSD-GB-00001-MTHD	1	Art materials shall be evaluated for the potential for producing chronic health hazards. Toxicity Risk Assessment shall be conducted. If chronic health hazard(s) is/are present, refer to labeling section for details. In lieu of testing, test report can be submitted if dated within five years.	NA	-
Toxicity and irritancy by TRA - document review	16 CFR 1500.3 / CPSD-GB-00001-MTHD	--	Products must not be toxic (acute), a skin irritant, eye irritant, corrosive, or a strong sensitizer. Products that are not intended for use by children must be labeled appropriately if a toxicological hazard is present. Toxicity Risk Assessment shall be conducted to substantiate the compliance of the regulation for the following components: - All liquids, pastes, putties, gels and powders regardless of claim - Other materials bearing a "NON-TOXIC" claim on samples and/or its packaging In lieu of testing, test report can be submitted if dated within five years.	NA Removed from packaging	-
* Combustible liquids	16 CFR 1500.3 (c)(6)(iii) / 16 CFR 1500.43(a)	--	[SAFETY REQUIREMENTS] [Liquid Screen] Method of test for flashpoint of potentially volatile combustible materials (150°F / 65.6 °C). All liquid filled items intended or likely to be used by children shall comply with this requirement.	NA	-



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/Method	No. Sample	Criteria	Results	Rating
Liquid toxicity 16 CFR 1500.231 - document review	16 CFR 1500.231	--	[SAFETY REQUIREMENTS] [Liquid Screen] To identify the presence of potentially hazardous ingredients, all liquid filled items intended or likely to be used by children shall comply with this requirement. In lieu of testing, test report can be submitted if dated within one year.	NA	-
ASTM F1313 Nitrosamines - doc	ASTM F1313	--	[SAFETY REQUIREMENTS] Rubber nipples on pacifiers, when sampled to ASTM F1313, shall not contain more than 10 parts per billion (ppb) of any one nitrosamine per three aliquots of sample nor exceed 20 ppb total nitrosamines. In lieu of testing, test report can be submitted if dated within one year.	M Documentation Submitted	PASS
Nitrosamines content - documentation review	FDA CPG 7117.11	--	[SAFETY REQUIREMENTS] Rubber Baby Bottle Nipples shall comply with the nitrosamine content requirement of the FDA Compliance Policy Guides, Section 500.450 Volatile N-Nitrosamines in Rubber Baby Bottle Nipples (CPG 7117.11). In lieu of testing, test report can be submitted if dated within one year.	M Documentation Submitted	PASS



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
* Bisphenol A content	Various state laws (e.g. CT Public Act # 09-103 and MN Chapter 40 SF #247) / CPSD-AN-00169-MTHD	--	<p>The following products shall not contain any detectable levels of Bisphenol-A (BPA) (BV reporting limit is 2ppm):</p> <ul style="list-style-type: none"> - Infant formula or baby food stored in a plastic container, jar or can - All reusable food or beverage containers including lids - Baby bottle liners - Pacifiers - Straws <p>"Infant formula" means a commercially available milk based or soy based powder, concentrated liquid or ready-to-feed substitute for human breast milk that is intended for infant consumption.</p> <p>"Baby food" means a commercially available prepared solid food consisting of a soft paste or an easily chewed food that is intended for consumption by children two years of age or younger.</p> <p>"Reusable food or beverage container" means a receptacle for storing food or beverages, including, but not limited to, baby bottles, spill-proof cups, sports bottles and thermoses, and excluding containers intended for disposal after initial use.</p> <p>Report actual results or include data table within report Actual testing will be conducted on polycarbonate and epoxy resin materials only. Vendors shall be responsible for the compliance of all other materials.</p> <p>This is a client requirement until the following state effective dates:</p> <ul style="list-style-type: none"> - June 15, 2010 for baby bottles and spill-proof cups. - December 1, 2010 for baby bottle liners, pacifiers, and straws. - Jan. 1, 2011 for all other products. 	M	PASS



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
* FDA FSSE 21 CFR 175-177	21 CFR 170-189 / CPSD-AN-00002-MTHD	--	<p>[SAFETY REQUIREMENTS] [21 CFR 175-177 Solvent extract (general)] [21 CFR 181.32 Acrylonitrile copolymers and resins]</p> <p>Product intended to be used in contact with food shall conform to the applicable requirements of the Food, Drug, and Cosmetic Act (FDCA), specifically 21 CFR 170 through 189. All testing will be conducted on the final product. It is the vendor's responsibility to provide accurate identification of all polymers used. For food contact items containing PVC, PETG, Styrene Block Polymers, Polyester Elastomers or ABS (Acrylonitrile > 30%), it is acceptable for the vendor to submit either a test report or a letter of compliance (dated within one year) indicating the only food grade materials were used in the manufacturing process.</p>	M	PASS
HAZARDS					
Mechanical hazards - children's products	16 CFR 1500 / 1501	--	<p>[SAFETY REQUIREMENTS] [Except Food contact Items]</p> <p>Shall meet the requirements specified in the standard.</p>	NA	-
16 CFR 1500 Mechanical hazards (Food contact Items only)	16 CFR 1500 / 16 CFR 1501 (mod.)	--	<p>[SAFETY REQUIREMENTS] [Client's Requirement]</p> <p>Shall meet the requirements specified in the standard. Food contact items made in glass or ceramic materials are exempted for Mechanical Hazard testing.</p> <p>Mod. = expanded scope.</p>	M	PASS



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
Mechanical hazards – infant cushion	16 CFR 1500.18(a)(16)	--	Any article known as an “infant cushion” or “infant pillow,” and any other similar article, which has all of the following characteristics: (A) has a flexible fabric covering. (B) is loosely filled with a granular material, including but not limited to, polystyrene beads or pellets. (C) is easily flattened. (D) is capable of conforming to the body or face of an infant. (E) is intended or promoted for use by children under one year of age. The supply of these goods is banned.	NA	-
* Kite String – Electric Resistivity	ASTM F963-08 Section 4.14.4	--	[SAFETY REQUIREMENTS] All kite string is required to meet section 4.14.4 of ASTM F963-08	NA	-
* Pacifiers	16 CFR 1511	--	[SAFETY REQUIREMENTS] Samples shall meet the safety requirements as specified in 16 CFR 1511.	NA	-
* Battery-operated toys - compartment markings	ASTM F963-08 section 4.25.1 modified	--	[SAFETY REQUIREMENTS] Shall be marked permanently on battery compartment or immediately adjacent to the battery compartment to show the correct polarity using symbols "+" and "-". Additional markings must indicate the correct battery size and voltage. These markings are not required for button cell, non-replaceable batteries or rechargeable battery packs that, by design, can only be inserted correctly.	NA	-
* Battery - operated	ASTM F963-08 section 4.25.3 modified	--	[SAFETY REQUIREMENTS] Shall be designed so that it is not possible to charge any non-rechargeable battery. This requirement does not apply to button cell type batteries or circuits having one or two non-rechargeable batteries as the only source of power.	NA	-



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
* Battery - operated	ASTM F963-08 section 4.25.6 modified	--	[SAFETY REQUIREMENTS] Batteries of different types or capacities shall not be mixed within any single circuit.	NA	-
* Battery - operated	ASTM F963-08 section 4.25.7-8 modified	--	[SAFETY REQUIREMENTS] The surface of the batteries shall not achieve temperatures exceeding 71°C or present a combustion hazard before and after use and abuse testing. If the external moving parts that are mechanically linked to a motor can be stalled by the user, test for a stalled motor condition to determine conformance with this requirement.	NA	-
* Electrically Operated Toys	16 CFR 1505	--	Children's products operating from nominal 120-V branch circuits shall conform to the requirements of 16 CFR 1505.	NA	-
Lenses - impact resistance - documentation review	21 CFR 801.410	--	[SAFETY REQUIREMENTS] Shall be fitted with impact-resistant lenses to protect the consumer from potential eye injuries. Lenses shall meet an AQL of 6.5 as specified in 21 CFR 801.410 when subjected to FDA using MIL-STD 105E or FDA approved statistical sampling plan. In lieu of testing, test report can be submitted if dated within one year. It is the vendor's responsibility to assure the manufacturer is registered under the FDA.	NA	-
FLAMMABILITY					
Flammability of solids	16 CFR 1500.44	--	[SAFETY REQUIREMENTS] Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second	M	PASS



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
Flammability of self-pressurized containers	16 CFR 1500.3 (c)(6)(viii) / 16 CFR 1500.45	--	[SAFETY REQUIREMENTS] Self-pressurized container shall meet the flammability requirements of 16 CFR 1500.3(c)(6)(viii).	NA	-
CPAI-75 Flammability (Sleeping Bags) - doc review	CPAI-75	--	[SAFETY REQUIREMENTS] Materials shall comply with the requirements as defined. In lieu of testing, test report can be submitted if dated within one year.	NA	-
Camping tentage material flammability	CPAI-84	--	[SAFETY REQUIREMENTS] Materials shall comply with the requirements as defined. In lieu of testing, test report can be submitted if dated within one year.	NA	-
PERFORMANCE					
* Transmittance properties for sunglasses and eyeweares	ANSI Z80.3-2010 clause 4.6.1 to 4.6.3, 4.6.5, 4.7.3 to 4.7.4 and 4.8 / CPSD-AN-00102-MTHD	--	Non-prescription sunglasses and fashion eyewear shall comply with the requirements. Sunglasses containing a UVA/UVB protection, Traffic signal recognition and/or other ANSI Z80.3 claim will be tested to substantiate such claims.	NA	-
* UL Testing	UL Standard	--	[SAFETY REQUIREMENTS] [For electrically operated product] Item will be audited to verify compliance with the selected sections of the applicable and/or labeled UL standard.	NA	-
* AATCC 20A Quantitative	16 CFR 303	--	Shall be tested to substantiate fiber content. Shall not exceed a deviation of +/- 3% from the label as allowed for blends and no deviation for items labeled 100% of a fiber.	NA	-
Actual use - functionality - not covered by other tests	CPSD-HL-01058-MTHD / Actual Use	--	Shall function as intended	NT	-
* Air Leakage For Inflatable	Per Criteria	--	Inflatable shall be evaluated for air leakage for duration of one hour.	NA	-



CPSD-08001-US

CHILDREN'S PRODUCTS (NON-TOYS) (V41)

Evaluation	Citation/ Method	No. Sample	Criteria	Results	Rating
* Dishwasher claim verification	CPSD-HL-01014-MTHD (modified)	--	Items containing a dishwasher safe claim shall exhibit no surface degradation such as cracks, color fading, scratches, or deformation such as warping after 5 cycles. Modification: modify the scope to items containing a dishwasher safe claim only	M	PASS
* Microwave claim verification	CPSD-HL-01024-MTHD (modified)	--	Items containing a microwave safe claim shall withstand test with no distortion, melting, surface deformation or staining after the test. Sample is placed in condition room at 59 – 86 degree F (15 – 30 degree C) for at least 2 hours before the test. After removing the sample from condition room. Filled the test item with 75% water according to different types of item. Microwave the sample for 5 minutes with power of the microwave at 1000 W (or equivalent energy i.e. 300 kJ.). For sample with handle, The temperature of the gripping area shall not exceed 140 degree F (60 degree C) and record the results as "Data Only." Modification: modify the scope to items containing a microwave safe claim only	NA	-
* Freezer claim verification	CPSD-HL-01008-MTHD (modified)	--	Items containing a freezer safe claim shall exhibit no visual changes, functionality failure, structural failure and /or permanent deformation after a 4 hour exposure in a freezer chilled to 0°F. Record (if any) changes after removal from freezer and /or after the sample reaches equilibrium with lab environment. Modification: modify the scope to items containing a freezer safe claim only	NA	-

IMPORTANT NOTE:The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.



Key:

- * Additional Charge For This Test
- ** Mandatory Requirement
- # By Request Only

Results Key:

- M Meets
- NA Not Applicable
- NM Does Not Meet
- NT Not Tested
- C Claimed
- R Recorded

Rating Key:

- Pass.
- Fail.



**BUREAU VERITAS TEST PROTOCOL FOR
 CPSD - 08444 - US
 CPSIA REQUIREMENTS SUPPLEMENT (V18)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
LABELING					
Tracking labels for children's products	Consumer Product Safety Improvement Act of 2008	--	<p>A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product.</p> <p>Verified the Presence only. The accuracy of tracking label will not be verified.</p> <p>Note: Manufacturer or Private Labeler name can not be coded.</p>	M	PASS



**CPSD - 08444 - US
 CPSIA REQUIREMENTS SUPPLEMENT (V18)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Registration for durable nursery product	CPSIA section 104(d) / 16 CFR 1130	--	<p>Consumer registration requirement: Required to provide consumers with a postage-paid consumer registration form with each such product and to permanently place the manufacturer name and contact information, model name and number, and the date of manufacture on each durable infant or toddler product.</p> <p>Requirements for registration form: The registration form shall (A) include spaces for a consumer to provide the consumer's name, address, telephone number, and e-mail address; (B) include space sufficiently large to permit easy, legible recording of all desired information; (C) be attached to the surface of each durable infant or toddler product so that, as a practical matter, the consumer must notice and handle the form after purchasing the product; (D) include the manufacturer's name, model name and number for the product, and the date of manufacture; (E) include a message explaining the purpose of the registration and designed to encourage consumers to complete the registration; (F) include an option for consumers to register through the Internet; and (G) include a statement that information provided by the consumer shall not be used for any purpose other than to facilitate a recall of or safety alert regarding that product.</p> <p>"Durable infant or toddler product" means full-size cribs and nonfull-size cribs, toddler beds, high chairs, booster chairs, hook-on chairs, bath seats, gates and other enclosures for confining a child, play yards, stationary activity centers, infant carriers, strollers, walkers, swings, bassinets and cradles, children's folding chairs, changing tables, bouncers, infant bath tubs, bed rails and infant sling.</p>	NA	-



**CPSD - 08444 - US
 CPSIA REQUIREMENTS SUPPLEMENT (V18)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
ANALYTICAL					
* Total lead content in surface coatings	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1303 / CPSC-CH-E1003-09.1 / AOAC 974.02 modified / CPSD-AN-00001-MTHD	--	<p>All accessible surface coatings in the assembled state on adult furniture [exempt factory applied coatings on metal components/parts] and household paint shall not contain lead or lead components in which the lead content is in exceed of 0.009% (90ppm) of the weight of the total content.</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide dipped parts or components/parts for testing.</p> <p>Report actual results or include data table within report Issue a program audit report Component testing is allowed Based on CPSC SOP, will composite up to 3 colors. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed.</p>	NA	-
* Total lead content in surface coatings	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1303 / CPSC-CH-E1003-09.1 / AOAC 974.02 modified / CPSD-AN-00001-MTHD	--	<p>All accessible surface coatings, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional component parts (including raw materials) for testing.</p> <p>Report actual results or include data table within report Issue a third party test report Component testing is allowed Compositing up to 3 colors is allowed Based on CPSC SOP, will composite up to 3 colors. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed.</p>	NA	-



CPSD - 08444 - US
CPSIA REQUIREMENTS SUPPLEMENT (V18)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Total lead content in substrate materials	Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1001-08.1 / CPSC-CH-E1002-08.1 / CPSC-AN-00185-MTHD / CPSC-AN-00196-MTHD	--	<p>All accessible substrates, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead in excess of 0.01% (100ppm) of the weight of the total content.</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing.</p> <p>Report actual results or include data table within report. Issue a program audit report (until December 2011).</p> <p>Component testing is allowed. Compositing up to 3 like materials is allowed except metal.</p>	M	PASS
* Total lead in children's metal jewelry	Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1001-08.1 / CPSC-AN-00185-MTHD	--	<p>Any accessible metal component of jewelry intended for children ages 12 and under shall not contain lead in excess of 0.01% (100ppm) of the weight of the total content.</p> <p>Report actual results or include data table within report</p> <p>Issue a third party test report Compositing is not allowed Component testing is not allowed</p>	NA	-



**CPSD - 08444 - US
 CPSIA REQUIREMENTS SUPPLEMENT (V18)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* BBP / DBP / DEHP content DNOP / DINP / DIDP content	Consumer Product Safety Improvement Act of 2008 / CPSC-CH-C1001-09.3 modified / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	--	<p>Actual testing would be conducted on all accessible plastics materials (including natural and synthetic rubber), plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers), toy nail polish, reusable packaging, electrical plug and cables.</p> <p>Vendor shall be responsible for the compliance of all other accessible materials.</p> <p>Children's toys and childcare articles in the as received state shall not contain concentrations of more than 0.1% BBP, DBP or DEHP, individually.</p> <p>Children's toys that can be placed in the mouth or childcare articles in the as received state shall not contain concentrations of more than 0.1% DINP, DIDP or DnOP, individually.</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing.</p> <p>Report actual results or include data table within report. Issue a program audit report (until Jan. 1, 2012). Component testing is allowed. Compositing up to 3 like materials is allowed.</p>	M	PASS

IMPORTANT NOTE: The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.



Definitions:

1. "Children's toy" means a consumer product designed or intended by the manufacturer for a child 12 years of age or younger for use by the child when the child plays per CPSC Draft Guidance of CPSIA section 108 refer to the use of ASTM F963.
2. "Child care article" means a consumer product designed or intended by the manufacturer to facilitate sleep, or the feeding of a child 3 years of age or younger or to help such children with sucking or teething. Products used directly in the mouth by the child are primary products and are subject to the regulation. Products that have direct contact with the child, but may or may not have direct mouth contact, would also be considered primary products. Products that are not necessarily in direct physical contact with the child, but are in close proximity to the child may or may not be subject to the regulation per CPSC Draft Guidance of CPSIA section 108. Products that are used by the parent, but have no contact with the child, are considered secondary products and would not be subject to the regulation per CPSC Draft Guidance of CPSIA section 108. Products that are used by the parent, but have no contact with the child, are considered secondary products and would not be subject to the regulation per CPSC Draft Guidance of CPSIA section 108.
3. "Can be placed in a child's mouth" means if any part of the toy can actually be brought to the mouth and kept in the mouth by a child so that it can be sucked or chewed. If the product can only be licked, it is not regarded as able to be placed in the mouth. If a toy or part of a toy in one dimension is smaller than 5 centimeters, it can be placed in the mouth. Per CPSC Draft Guidance, pool toys and beach balls, or articles such as these must be considered in the deflated state. Some general purpose balls that are permanently inflated by the manufacturer and cannot be re-inflated by the consumer may be considered in the inflated (normal) state.

Key:

- * Additional Charge For This Test
- ** Mandatory Requirement
- # By Request Only

Result Key:

- C Claimed
- R Recorded
- M Meets
- NM Does Not Meet
- NA Not Applicable
- NT Not Tested

Rating Key:

- PASS Pass
- FAIL Fail

No. Of Samples Required for Complete Testing	6
No. Of (Fully Packed) Cartons For Transit Testing:	-
No. Of Working Days For Complete Testing:	7

Client Approval: /
Creation Date: MAY 19, 2009
Last Revision Date: AUGUST 16, 2011
Pricing Review Date: JUNE 02, 2009
Technical Review Date: AUGUST 26, 2009



**BUREAU
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EXHIBIT #1



SAMPLE PRODUCT



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EXHIBIT #2



SAMPLE PRODUCT