

Product:	<b>Decoration [Food-Contact use]</b>		
Scope:	Objects (included food-contact objects) intended for decorative purposes only (battery not included), i.e. cake tops, adornments.	Protocol No.	TYCP-01007-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
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**NB: Where there is no applicable US and CN standard, Intertek has chosen the most relevant International standards to assess the product safety and performance. For undated references, the latest edition of the referenced document (including any amendments) applies.**

Attribute	Citation	Requirement / Limit	Result
<b>Supplemental Protocol(s)</b>			
<b>For US Only</b>			
*†CA Prop 65 (mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65.	
*†Children's Products Supplemental (Required if the product is graded as a children product)	Refer to TYCP-00004-US	Shall comply with all requirements in TYCP-00004-US.	
*†CPSIA Supplemental	Refer to TYCP-00001-US	Shall comply with all requirements in TYCP-00001-US.	
<b>For Canada Only</b>			
*†Children's Products Supplemental (Required if the product is graded as a children product)	Refer to TYCP-00004-CN	Shall comply with all applicable requirements.	
<i>Note: Additional cost, sample size &amp; TAT may be required if testing to one or more supplemental protocols is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.</i>			
<b>Chemical Analysis</b>			
<b>For US Only</b>			
*Lead Content of Paints or Similar Surface Coating	16 CFR 1303 (scope widened)	Shall not contain Lead or Lead compounds in which the Lead content is in excess of 0.009% (90ppm) by weight of the total content.	
*†Extractable Cadmium & Lead from Interior of Product (food-contact only) (if applicable)	FDA CPG 7117.06 + 7117.07	Cd: 0.25 ppm (Large Hollowware / Pitchers) 0.5 ppm (Small Hollowware / Cups / Mugs) 0.5 ppm (Flatware) Pb: 1.0 ppm (Large Hollowware) 2.0 ppm (Small Hollowware) 0.5 ppm (Cups / Mugs / Pitchers) 3.0 ppm (Flatware)	
*†Extractable Lead & Cadmium – Silver-plated (food-contact only)	FDA CPG 7117.05 & 7117.06	Cd: ≤ 0.25 ppm (Lg. Hollowware/Pitchers) ≤ 0.5 ppm (Sm. Hollowware/Cups/Mugs) ≤ 0.5 ppm (Flatware and other non-filled products) Pb: < 7.0 ppm for adult < 0.5 ppm for children	
*†FDA Solvent Extractive on Plastic Materials (Food-contact only)	21 CFR 170 – 189	Products intended for use in contact with food shall conform to the applicable requirements of the Food, Drug, and Cosmetic Act (FDCA), specifically 21 CFR 170 through 189.	
*Lead in Pewter Alloys (Food-contact only)	US Food Code 4 – 101.17	Lead must not exceed 500ppm in food contact surfaces.	

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*Lead in Solder and Flux (Food-contact only)	US Food Code 4 – 101.13	Lead must not exceed 2000 ppm in food contact surfaces		
*†Toxic Elements in Packaging Components	TPCH	Shall comply with TPCH in those states with legislation. Total concentration of Pb, Cd, Hg and hexavalent Cr ≤ 100ppm.		
<b>For Canada Only</b>				
*Total Lead in Surface Coating	Canada Consumer Product Safety Act, Surface Coating Materials Regulations (Scope widened)	Shall not exceed 0.009% (90ppm) total lead.		
*†Leachable Lead and Cadmium	Canada Consumer Product Safety Act, Glazed Ceramics and Glassware Regulations Section 4	Shall not exceed the following leachable limits:		
			<b>Lead / mg/L</b>	<b>Cadmium / mg/L</b>
		<b>Flatware</b>	3.0	0.50
		<b>Small Hollowware</b>	2.0	0.50
		<b>Large Hollowware</b>	1.0	0.25
		<b>Cups and Mugs</b>	0.5	0.50
		<b>Pitchers</b>	0.5	0.25
*†Food-contact Plastics (Food-contact only)	Division 23 Food and Drug Regulations Health Canada	Shall comply with the requirements. Vendors shall provide test reports or suitable certificates with declaration letters confirming that the plastic materials used with food contact meet specific Health Canada requirements as stated in Division 23 or are among the acceptable polymers listed by Health Canada. Instead, pending individual client's approval, vendors can submit passing reports meeting FDA requirements stated in 21 CFR 175, 177 & 180.22 per plastic type. (Document is valid for 1 year.)		
<b>For both markets</b>				
*Food Grade Stainless Steel (For decorations which designed or intended to have food contact, e.g. cake tops)	With Reference to NSF/ANSI 51 / ITS-M0122	AISI 200, 300 and 400 series stainless steel are all acceptable for food use, so are other stainless steel grades with a minimum of 16 % chromium content. In the case of cutlery / blades and similar applications requiring a sharp edge, the chromium content can be lower than 16 % if they are tempered or hardened by an appropriate post-heat treatment process. (In lieu of testing, a passing test report may be submitted for review if dated within one year)		
*Microbial Limit Test (For food-contact natural material, e.g. pine cone)	USP <61> (Modified)	Total viable count shall be ≤ 5,000 CFU/g for natural material.		
<b>Physical Characteristic</b>				
Dimensions (L x W x H)	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).		
Weight	ITS-M0059	Report weight; shall meet label claims (if applicable).		
Odour	ITS-M0061	Shall have a pleasant smell or odorless.		
<b>Construction &amp; Workmanship</b>				
Sharp Points / Edges	16 CFR 1500.48 / 1500.49 (Modified)	Shall have no sharp points/edges, other than those required for function.		

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Defects	Visual Check	Shall have no discernible surface degradation, including crazing, shivering, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.	
Workmanship	Visual Check	Shall have no components missing, malformed, and/or fractured.	
Type of Material	Visual Check	Report actual; shall meet label claims (If applicable).	
Paint / Printing	Visual Check	Color shall be uniform and complete.	
Weld / Glue	Visual Check	Shall be free of spatter and even.	
<b>Performance Test</b>			
Functionality	ITS-M0061	Shall function as intended as received.	
*Flammability on Solid	16 CFR 1500.44 (Scope widened)	Shall not exceed 0.1 in./sec along the major axis (horizontal burning). (Items wholly / mainly made of paper are exempted.)	
Hanging Mechanism (For decoration which has hanger(s))	Actual Use	Hanger(s) shall not be broken, deformed or pose hazards/failures when applied a force equals to 3 times of the product weight.	
Tilt Resistance / Stability (For free standing decorations)	ITS-M0015	Shall remain stable at 10° incline without tipping.	35n
Surface Scratching (For decorations which the base would be intentionally scratched, e.g. Vase, Photo Frame)	ITS-M0058	No scratching of test surfaces - 3 times going back and forth over 6 in.	23
Contamination of Liquid (If contained/filled with liquid)	Visual Check	Shall have no visual contamination other than the intended decorations.	
Effects of Extreme Temperature and Humidity	ITS-M0007	Shall have no corrosion or visual change (e.g. peeling off of coating and/or plating) after one cycle of following conditioning: 16 h at 0°F; 8 h at 120°F, 95% RH.	64
Drop Test (For non-fragile items)	ITS-M0053	No failure after three drops from 3 feet onto vinyl clad concrete floor. The product must not break into pieces, deform or pose any use hazards after drop test. Its shape shall not change in any manner.	13n
Stuffing Materials (if applicable)	Visual Check	Shall be visually clean and free from vermin, hard and sharp foreign matter.	26
*Stuffing Cleanliness - Pennsylvania Regulation (For US Pennsylvania only)	US Pennsylvania Title 34, Chapter 47, Section 47.317	Stuffing materials shall meet all the requirements.	
*Moisture Content (solid wood only)	Oven Dry Method	Shall be between 8% - 12%.	
*Corrosion Resistance (For any accessible metal components)	ASTM B117 (Modified)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change. Modification = 1% salt (fog) spray.	

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*Transit Testing (by request only)	ISTA Procedure as Appropriate to Package	Packaged product shall be tested to applicable ISTA procedure and method, based on package configuration. Inspect package and product for damage upon completion of test. Report results.	
<b>Additional Requirements on Fabric Items - US only</b>			
*Colorfastness to Crocking	AATCC 116	Dry: class 4.0 minimum. Wet: class 3.0 minimum.	
*Colorfastness to Light	AATCC 16 Option 3, 80 h	Class 4 minimum.	
*Tensile Strength	ASTM D5034	Report maximum load.	
*Seam Strength	ASTM D1683	Report breaking point force.	
<b>Additional Requirements on Fabric Items - Canada only</b>			
*Colorfastness to Crocking	CAN/CGSB-4.2 No. 22	Dry: class 4.0 minimum. Wet: class 3.0 minimum.	
*Colorfastness to Light	CAN/CGSB-4.2 No. 18.3 (Grade 6)	Class 4 minimum.	
*Tensile Strength	CAN/CGSB-4.2 No. 9.2	Report maximum load.	
*Seam Strength	CAN/CGSB-4.2 No. 32.2	Report breaking point force.	
<b>Additional Requirements on Paper Items</b>			
*Tear Resistance	ASTM D1922 (Modified)	Report tear resistance in both transverse and machine directions.	
*Sutherland Rub Test (For paper with color printing)	ASTM D5264	No noticeable color rub off on the specimen after 100 strokes. Rub against copier paper receptor - under 4 lbs top loading at 106 cycles per minute.	
*Colourfastness to Light	With reference to AATCC 16 Option 3 (80 Fading units)	Class 3 minimum.	
<b>Labeling Requirement</b>			
Parts Labeling	ITS-M0060	Shall match the actual content if present.	
Use Labeling	ITS-M0060	Use, care and/or assembly instructions that are clear and understandable shall be provided in language appropriate to destination countries.	
Instructions	ITS-M0060	Shall include assembly, use, maintenance, and safety information as required with no errors or spelling mistakes	
Verify Label Claims	Actual Use	Shall comply with all claims.	
Warning Labeling (if applicable)	ITS-M0060	Suggest to have appropriate warnings, for example, "This is not a toy, for decoration only."	
Declaration of the Use of Fragrance (if applicable)	ITS-M0060	Shall present declaration of conformity to the manufacturing guidance as specified by The International Fragrance Association (IFRA). (It is the vendor's responsibility to present this declaration to the buyer.)	
<b>For US Only</b>			
One Time Use Products	F.P. & L. Act (16 CFR 500)	Manufacturer, Packer, or Distributor's name & address (city, state & zip)	
†Fair Packaging and	OR	Product identification	

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Labeling Act OR All Other Products †Uniform Packaging and Labeling Regulations	NIST Uniform Laws and Regulations Handbook 130	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).											
†Country of Origin Marking	19 CFR 134	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. Shall be visible at point of purchase.											
†Plastic Bag Warning Statement (If applicable)	Visual Check / Requirements Based on Various State Laws	<p>If plastic bags with a thickness less than 1 mil and an opening size <math>\geq 5"</math> in diameter are present, the following warning statement shall be printed in a prominent place on each bag in English and appeared on both sides:</p> <p>WARNING: Keep this bag away from babies and children. Do not use in cribs, beds, carriages or playpens. The thin film may cling to nose and mouth and prevent breathing. This bag is not a toy.</p> <p>If the total length and width is <math>&gt; 40"</math>, the warning shall be repeated in 20-inch intervals. The font size shall adhere to:</p> <table border="1"> <thead> <tr> <th>Total Length and Width of Bag</th> <th>Font</th> </tr> </thead> <tbody> <tr> <td>60 inches or more</td> <td>at least 24 point</td> </tr> <tr> <td>40 inches to less than 60 inches</td> <td>at least 18 point</td> </tr> <tr> <td>25 inches to less than 40 inches</td> <td>at least 14 point</td> </tr> <tr> <td>less than 25 inches</td> <td>at least 10 point</td> </tr> </tbody> </table>	Total Length and Width of Bag	Font	60 inches or more	at least 24 point	40 inches to less than 60 inches	at least 18 point	25 inches to less than 40 inches	at least 14 point	less than 25 inches	at least 10 point	
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†Pre-packaged Product	Consumer Packaging and Labelling Act, R.S. 1985, c. C-38 and Regulations, C.R.C., c. 417	<p>The net quantity declaration shall present on Principal Display Panel (PDP) in English and French, metric units.</p> <p>The numerical quantity shall be bold type with letter height based on the size of Principle Display Surface (X):</p> <table border="1"> <thead> <tr> <th>Size of Principle Display Surface</th> <th>Minimum letter height</th> </tr> </thead> <tbody> <tr> <td><math>X \leq 32 \text{ cm}^2 (5 \text{ in}^2)</math></td> <td>1.6 mm (1/16 in)</td> </tr> <tr> <td><math>32 \text{ cm}^2 &lt; X \leq 258 \text{ cm}^2 (40 \text{ in}^2)</math></td> <td>3.2 mm (1/8 in)</td> </tr> <tr> <td><math>258 \text{ cm}^2 &lt; X \leq 645 \text{ cm}^2 (100 \text{ in}^2)</math></td> <td>6.4 mm (1/4 in)</td> </tr> <tr> <td><math>645 \text{ cm}^2 &lt; X \leq 25.8 \text{ dm}^2 (400 \text{ in}^2)</math></td> <td>9.5 mm (3/8 in)</td> </tr> <tr> <td><math>25.8 \text{ dm}^2 (400 \text{ in}^2) &lt; X</math></td> <td>12.7 mm (1/2 in)</td> </tr> </tbody> </table> <p>All other information in the net quantity declaration (i.e. units of measurement statements, abbreviations, symbols, etc.) shall be shown in minimum 1.6 mm letter height.</p> <p>Product identification shall be shown on Principal Display Panel (PDP) in English and French, minimum 1.6 mm letter height.</p>	Size of Principle Display Surface	Minimum letter height	$X \leq 32 \text{ cm}^2 (5 \text{ in}^2)$	1.6 mm (1/16 in)	$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2 (40 \text{ in}^2)$	3.2 mm (1/8 in)	$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2 (100 \text{ in}^2)$	6.4 mm (1/4 in)	$645 \text{ cm}^2 < X \leq 25.8 \text{ dm}^2 (400 \text{ in}^2)$	9.5 mm (3/8 in)	$25.8 \text{ dm}^2 (400 \text{ in}^2) < X$	12.7 mm (1/2 in)	
Size of Principle Display Surface	Minimum letter height														
$X \leq 32 \text{ cm}^2 (5 \text{ in}^2)$	1.6 mm (1/16 in)														
$32 \text{ cm}^2 < X \leq 258 \text{ cm}^2 (40 \text{ in}^2)$	3.2 mm (1/8 in)														
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		Dealer's name and principal place of business (address) shall be shown on any part of label except bottom, English or French, minimum 1.6 mm letter height. For imported goods, the name and address of the dealer outside Canada or the name and address of Canadian dealers shall be preceded by "imported by" ( <i>"importé par"</i> ) or "imported for" ( <i>"importé pour"</i> ), unless a statement of geographic origin is located immediately adjacent to the name and address of a Canadian dealer, and shown with letter height at least as large as those used in the declaration of the Canadian dealer's principal place of business.	
The Language of Inscription (mandatory in Quebec)	The Charter of French Language, Title I, Chapter VII, Clause 51 & Regulations adopted under the Charter of French Language	Every inscription on the following shall be drafted in French, - product - product container or wrapping - document or object supplied with it (e.g. directions for use, warranty certificates) No inscription in another language may be given greater prominence than that in French. For exceptions, check the following webpage:-- <a href="http://www.olf.gouv.qc.ca/english/regulations/reg_business.html#div1">http://www.olf.gouv.qc.ca/english/regulations/reg_business.html#div1</a>	
†Country of Origin	Customs Tariff, Marking of Imported Goods Regulations, SOR/94-10	The country of origin marking of Non-NAFTA imported goods shall be present in English or French.	

**Remark:** Additional tests may be incurred subject to the final samples reviewed by Intertek.

**Key:** \*: Additional charge items †: Mandatory Requirement

**Testing Charge & Sample Size & Turnaround Time**

<b>Basic Package Price (Listed Price)</b>	USD 210 (in which USD 93 is not discountable) for one market; Additional USD 23 for both markets	
<b>Sample size for basic package</b>	4 pieces	
<b>Turnaround time for basic package</b>	7 working days	
<b>Additional charge (Subject to client discount)</b>		
a. CA Prop 65	On Quote	Subject to actual sample
b. Children's Products Supplemental - US	Refer to TYCP-00004-US	Refer to TYCP-00004-US
c. CPSIA Supplemental	Refer to TYCP-00001-US	Refer to TYCP-00001-US
d. Children's Products Supplemental - CN	Refer to TYCP-00004-CN	Refer to TYCP-00004-CN
e. Lead Content of Paints or Similar Surface Coating (US)	USD 31 per coating	0.5 grams of coating on finished product
f. Extractable Cadmium & Lead from Interior	USD 81 per result	6 pieces
g. Extractable Lead & Cadmium – Silver-plated	USD 65 per result	6 pieces
h. FDA Solvent Extractive on Plastic	On Quote	Subject to actual sample
i. Lead in Pewter Alloys	USD 60 per result	10 grams

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j. Lead in Solder and Flux	On Quote	Subject to actual sample
k. Toxic Elements in Packaging Components	USD 54 per result	0.5 grams
l. Total Lead in Surface Coating (CN)	USD 31 per coating	0.5 grams of coating on finished product
m. Leachable Lead and Cadmium	USD 65 per style	6 pieces
n. Food-contact Plastics	On Quote	Subject to actual sample
o. Food Grade Stainless Steel	On Quote	Subject to actual sample
p. Microbial Limit Test	USD 115 per result	20 grams
q. Flammability on Solid	USD 28 per result	1 piece
r. Stuffing Cleanliness – Pennsylvania Regulation	USD 250	60 grams
s. Moisture Content	USD 37 per result	1 piece
t. Corrosion Resistance	USD 54 per result	2 pieces
u. Transit Testing	ISTA 1A: USD 179 ISTA 1B: USD 231	1 full carton with products
v. Colorfastness to Crocking (For US or CN)	USD 11 per result	15" x 15" per test
w. Colorfastness to Light (For US or CN)	USD 58 per result	15" x 15" per test
x. Tensile Strength (For US or CN)	USD 19 per result	20" x full width per test
y. Seam Strength (For US or CN)	USD 22 per result	20" x full width per test
z. Tear Resistance (For US or CN)	On Quote	Subject to actual sample
aa. Sutherland Rub Test (For US or CN)	USD 80 per result	10 pieces (each 3" x 6" min.)
bb. Colourfastness to Light - for paper items (For US or CN)	USD 58 per result	15" x 15" per test

**Remark:**

Price quoted above is **LISTED** price based on our Hong Kong laboratory pricing.  
Please check with local laboratories to confirm exact pricing for your region.

**Revision History**

Issue No.	Revision date	Changes	Prepared by	Approved by
1.0	05 Oct 2012	Initial release	Mondy Tung	Taylor (Emily) on 08 Jan 2013