

**Intertek**  
Test Specification



Product:	<b>Bubble</b>		
Scope:	Intended to be used along with a bubble blower.	Protocol No.	TYCP-16030-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	1 of 5

**NB: Where there is no applicable US or 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
<b>Supplemental Protocols</b>		
<i>For US Only</i>		
*†CA Prop 65 (mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65.
*Toys Protocol	Refer to TYCP-16001-US	Must meet all applicable requirements if intended for children use.
<i>For Canada Only</i>		
*Toys Protocol	Refer to TYCP-16001-CN	Must meet all applicable requirements if intended for children use.
<b>Chemical Analysis</b>		
<i>For both US and Canada</i>		
*Standard Bacteria Count	CTFA	<1,000 cfu/ ml.
<i>For US Only</i>		
*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.
<i>*Liquid Toxicity:</i>		
Children's Products	16 CFR 1500.231	Shall comply with the requirement.
Non Children's Products	16 CFR 1500.14	Shall comply with the requirement.
*Toxicological Properties and Hazardous Substance Assessment	16 CFR 1500.3	Toxicity Risk Assessment and Hazardous Substance Assessment shall be conducted to substantiate the compliance of the regulation.
*†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.
<i>For Canada Only</i>		
*Total Lead in Surface Coating	Canada Consumer Product Safety Act, Surface Coating Materials Regulations (Scope widened)	Shall not exceed 0.009% (90ppm) total lead.
*†Hazard Classification	CCPSA Consumer Chemicals and Containers Regulations, 2001 Sections 33 & 34, 41 & 42, 48 & 49	Hazardous substance assessment shall be conducted to classify hazards for the compliance of the regulation.
<b>Physical Characteristics</b>		
Overall Dimensions	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).
Rod Dimensions	ITS-M0059	Report overall dimensions; shall meet label claims (if applicable).
Volume of bubble solution	ITS-M0059	Report actual; shall meet label claims (if applicable).
<b>Workmanship</b>		
Sharp Points / Edges	16 CFR 1500.48 / 49 (Modified)	Shall have no sharp points / edges as received, other than those required for function.
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.

© Intertek 2013, All Rights Reserved

Intertek is the owner of the copyright in the material and intellectual know-how presented. No parts of this material may be reproduced, adapted or distributed outside of your company without the consent of Intertek other than to the extent necessary to view the material.

Product:	Bubble		
Scope:	Intended to be used along with a bubble blower.	Protocol No.	TYCP-16030-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	2 of 5

Attribute	Citation	Requirement / Limit
<b>Performance Tests</b>		
Drop test (container)	ITS-M0053	With lid on, the container shall withstand 3 drops from 3 feet without leakage or separation of lid.
Triggering Durability of Soap Bubble Gun (If applicable)	In-house Method	Shall withstand 100 times of triggering and remain function as intended.
Leakage (container)	In-house Method	Shall not leak after flipping the container upside down for 10 times.
<b>For Canada Only</b>		
*†Leakage Test	CCPSA Canada Consumer Chemicals and Containers Regulations, Section 7	A container of a liquid chemical product must pass the leakage test described in Schedule 3 of this regulations. - Position the sample (a) over a clean piece of blotting paper; (b) in an inverted position at a 45° angle below the horizontal; and (c) with the closure in the lowest possible position - After one hour, remove the sample and examine the paper - No trace of contents of the sample shall be found
<b>Labelling Requirement</b>		
Parts Labeling	ITS-M0060	Shall match the actual content if present.
Use Labeling	ITS-M0060	Use/care instructions that are clear and understandable shall be provided in language appropriate to destination countries.
Instructions	ITS-M0060	Shall provide easily understandable instructions regarding assembly, use and maintenance.
Verify Label Claims	Actual Use	Shall comply with all claims.
<b>For US Only</b>		
†Fair Packaging and Labeling Act (one time use products) OR †Uniform Packaging and Labeling Regulations (all other products)	F.P. & L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	Manufacturer, packer, or distributor's name & address (city, state & zip)
		Product Identification 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 134.11	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.

Product:	<b>Bubble</b>		
Scope:	Intended to be used along with a bubble blower.	Protocol No.	TYCP-16030-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	3 of 5

Attribute	Citation	Requirement / Limit										
†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><b>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.</b></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
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											

**For Canada Only**

†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> <p>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.</p> <p>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.</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)													
$258 \text{ cm}^2 < X \leq 645 \text{ cm}^2 (100 \text{ in}^2)$	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)													

Product:	Bubble		
Scope:	Intended to be used along with a bubble blower.	Protocol No.	TYCP-16030-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	4 of 5

Attribute	Citation	Requirement / Limit
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, <ul style="list-style-type: none"> <li>- product</li> <li>- product container or wrapping</li> <li>- document or object supplied with it (e.g. directions for use, warranty certificates)</li> </ul> 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.htm#div1">http://www.olf.gouv.qc.ca/english/regulations/reg_business.htm#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.
*†Chemical & Containers - Labeling	CCPSA Consumer Chemicals and Containers Regulations, 2001, SOR/2001-269 Section 15 -32	Shall comply with the labeling requirements specified in Consumer Chemicals and Containers Regulations  (Vendor shall be responsible for the accuracy of information contained)

**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 120 for one market; Additional USD 23 for both markets	
<b>Sample size for basic package</b>	3 pieces (additional samples may be required for tests with additional charge)	
<b>Turnaround time</b>	7 working days	
<b>Individual Charge (Subject to client discount)</b>	<b>Additional Sample Size</b>	
a. CA Prop 65	On quote	Subject to actual sample
b. Toys Protocol - US	Refer to TYCP-16001-US	Refer to TYCP-16001-US
c. Toys Protocol - CN	Refer to TYCP-16001-CN	Refer to TYCP-16001-CN
d. Standard Bacteria Count	On Quote	100 ml
e. Lead Content of Paints or Similar Surface Coating (US)	USD 31 per coating	0.5 grams of coating on finished product
f. Liquid Toxicity	1500.231: USD 706 1500.14: USD 642	50 ml
g. Toxicological Properties and Hazardous Substance Assessment	USD 488 (Net)	Full set of formulation + 1 set sample + net weight
h. Toxic Elements in Packaging Components	USD 54 per result	0.5 grams per material
i. Total Lead in Surface Coating (CN)	USD 31 per coating	0.5 grams of coating on finished product
j. Hazard Classification	USD 2,180 (Net) (TAT: 3 weeks)	1 set with full formulation + net weight
k. Leakage Test	USD 77 per style	1 piece
l. Chemical & Containers - Labeling	On Quote	Subject to actual sample

Product:	<b>Bubble</b>		
Scope:	Intended to be used along with a bubble blower.	Protocol No.	TYCP-16030-NA
		Version	1.0
		Issue Date	15 Jan 2013
		Prepared by	Intertek HK - TFH
		Page	5 of 5

**Remark:**

Price information is for reference only and 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