Test Specification

Product:	Cap and Hat		
Scope:	Cap and Hat	Protocol No.	TYCP-24703-US
		Version	1.0
		Issue Date	Sep 26, 2011
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Instructions to Vendors:

Dear Valued Vendor:
Product safety is a top priority at Taymark. We, with the assistance of Intertek, a CPSC-accredited third-party testing partner or lab, have identified the various rules and regulations as well as the necessary test requirements that we need to meet in our partnership to sell products in the United States. This has been assembled into our required Test Protocol. Each product that is supplied to us must comply with this Test Protocol and any required associated test protocol(s) identified within it.

You are required by the US Law to verify the products you provide to Taymark (or any other customer marketing to children in the USA) meet the required safety standards. Likewise, Taymark is required by US Law to assure that we have documentation to confirm that you have verified that your products meet the applicable safety standards. Once you have verified that the product(s) you have supplied to us conforms to the corresponding Test Protocol(s), and the testing was conducted within the past twelve (12) months, we ask that the appropriate representative from your company provide Taymark with the proper General Certificate of Conformity ("GCC") and the corresponding documentation that you used to support the GCC, including, where applicable and required, the CPSC-accredited third-party test data. For an example of an acceptable GCC, please go to http://www.cpsc.gov/about/cpsia/faq/elecertfaq.pdf.

Key

† : Any element on the attached form with the following symbol ("†") is a Mandatory Requirement to which the product(s) or components of product(s) you supply to Taymark must conform. You must perform the associated test(s) and provide Taymark with the test data to support the fact that the test(s) was (were) conducted and that the product(s) or components of product(s) meets the described requirements. You are responsible for conducting the mandatory testing, and you are responsible for any expenses incurred as a result of conducting the test(s) (including, without limitation, the costs and expenses associated with providing any samples, testing, reporting, and preparing the General Certificate of Conformity).

: The symbol ("") on the attached form indicates that additional charges may apply. Taymark's preferred Accredited Third-Party Testing Facility is Intertek. If you choose to use Intertek to conduct the mandatory testing, please reference Taymark and Taylor Corporation when submitting your requests for testing to Intertek as you may be able to take advantage of Taymark and Taylor Corporation's volume discount. You may contact Intertek for a price quote and any additional information they might need in order to conduct the required testing.

Additional Accredited Third-Party Testing facilities can be found at http://www.cpsc.gov/cgi-bin/labsearch/.

Note:

Where there is no applicable US standard, Intertek has chosen the most relevant International Standard to assess the product safety and performance. For undated references, the latest edition of the referenced document (including any amendments) applies.

Attribute	Test Method/Standard	Requirement / Limit
Supplemental Protocol(s)		
*† CA Prop 65 (Mandatory in state California)	Intertek Protocol	Consent Judgment of related court cases based on California Proposition 65. See http://oehha.ca.gov/prop65.html
*† CPSIA Supplemental	TYCP-00001-US	Shall comply with the applicable requirements. See CPSIA Supplemental Protocol posted at http://www.taymarkinc.com.
*† Children's Products (Non-toy)	TYCP-16026-US	Shall comply with the applicable requirements. See Children's Products (Non-toy) Protocol posted at http://www.taymarkinc.com.
Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocol is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.		
Chemical Analysis		
*† Lead Content in Paint and Similar Surface Coating	16 CFR 1303 (Scope Widened)	Shall not exceed 90ppm (0.009% by weight) total lead.
*† Toxic elements in Packaging material (if applicable)	Model Toxics in Packaging Legislation / State Legislation	The sum of Cadmium, Hexavalent Chromium, Lead and Mercury in package or packaging component shall be less than 100 ppm by weight.
* Nickel Release (for metal components)	EN 1811 / EN 12472	The rate of nickel release from the parts of these products coming into direct and prolonged contact with the skin should be less than 0.5µg/cm²/week.
Physical Characteristics		
* Fiber Analysis (if claimed)	AATCC 20/20A	Single fiber: No tolerance Blended fiber: +/- 3%
pH value	AATCC 81	White: 5-7 Others: 6-8
Formaldehyde Spot test (Do below test directly if result is Positive)	ITS 416	Negative
* Formaldehyde Content	AATCC 112	75 ppm max
Dimensions (L x W x H)	Standard Measurement	Report actual or +/-5.0% from claim
Fabric Weight	ASTM D3776 (for woven) / ASTM D3887 (for knit)	Report actual or +/-5.0% from claims
Construction & Workmanship		
Workmanship	Visual check	No Major Defects - Shall Demonstrate Good, Even Construction, With No Sharp Edges, Sharp Points, Discoloration, Fabric Defects Or Seam Openings, etc
Flammability		
†* Flammability	16 CFR 1610	Class 1
Performance Test		

Attribute	Test Method/Standard	Requirement / Limit
Tensile Strength (Woven)	ASTM D5034	25.0 lbs min.
Seam Strength (Woven)	ASTM D1683	20.0 lbs min.
Bursting strength (knit)	ASTM D 3786	35 lb/ sq in min
Seam Bursting strength (knit)	ASTM D 3786(Mod)	30 lb/ sq in min
* UV protection (if claimed)	AATCC 183	Report actual, shall meet claimed if applicable
* Attachment Strength	Pull test	Snaps, Buttons, Shanks, Rivets, etc. 15 lbs for 10 seconds. Hand-Sewn Beads, Sequins, etc. 5 lbs for 10 seconds.
* Resistance To Corrosion (Metal Components)	ASTM B117 (Mod.)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change. Modification = 1% salt (fog) spray.
Colourfastness		
Colourfastness To Perspiration (The side direct contact with skin)	AATCC 15	Color Change: Grade 3.5 min. Color Stain: Grade 3.0 min.
Colourfastness To crocking	AATCC 8 / 116	Colour Change: Grade 4.0 min. Colour Stain: Grade 3.0 min.
Colourfastness To water	AATCC 107	Color Change: Grade 4.0 min. Color Stain: Grade 3.0 min.
Colourfastness To light	AATCC 16 E (20AFU)	Grade 3.5 min
*Phenolic Yellowing test (White colour only)	ISO 105X18	Grade 4.5 min
Care Labelling Test (per provide care instruction)		
*Dimensional Stability to Washing (Per care instruction)	AATCC 135/150 (3 cycles)	-4% / +3.0%
*Appearance After Washing	Per Dimensional Stability to Washing	Satisfactory
*Dimensional Stability to Dryclean (Per care instruction)	Commercial Dryclean (1 cycle)	+/-2.5%
*Appearance After Washing	Per Dimensional Stability to Dryclean	Satisfactory
*Color Fastness to Washing (Per care instruction)	AATCC 61	Colour Change: Grade 4.0 min. Colour Stain: Grade 3.5 min. Colour staining: Grade 4.5 min.
*Color Fastness to Dryclean (Per care instruction)	AATCC 132	Colour Change: Grade 4.0 min. Colour Stain: Grade 3.5 min. Colour staining: Grade 4.5 min.
*Color Fastness to Chlorine Bleach (per care instruction)	AATCC/ASTM TS-001	Color Change: Grade 4.0 min.
* Color Fastness to Non-Chlorine Bleach (per care instruction)	AATCC/ASTM TS-001	Color Change: Grade 4.0 min.
Labelling Requirement		
†One Time Use Products Fair Packaging and Labeling Act	F.P. & L. Act (16 CFR 500)	Manufacturer, packer, or distributor's name & address (city, state & zip)

Attribute	Test Method/Standard	Requirement / Limit
OR	OR NIST Uniform Laws and Regulations Handbook 130	Product Identification
All Other Products Uniform Packaging and Labeling Regulations		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.
Fiber Content (if applicable)	16 CFR 303 / 300	Must be visible at point of sale & must comply with regulations (Textile Fibers Identification Act or Wool Products Labeling Act)
RN# (Registered Number) or Manufacturer Name	FTC Visual Check	Verify presence and must comply with the Textile Fiber Product Identification Act.
Care Instruction (if applicable)	16 CFR 423	Must be sewn in permanently and must comply with regulations (Care Labeling Rule)
Verify Label Claims (if any)	ITS-M0060	Must comply with all claims

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