




AMSCAN TEST REPORT

LAB LOCATION: DONG GUAN, CHINA **REPORT NUMBER:** DH-08-01898
DATE IN: July 24, 2008 **DATE OUT:** August 06, 2008

Applicant:	Amscan Hong Kong		
Contact:	Tere Fung/Yoyo Tam/Carmen Fang/ Rosana Leon Li		
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Copy To:	--		

OVERALL RATING	
PASS	X
FAIL	--

Sample Information	
	Product Description: CHRISTMAS CANDY STRIPE STRAWS
	SKU Number: 400026
	Purchase Order Number: --
	No. of Sample Submitted: 2 PACKS
	Country of Origin: --
	Country of Destination: --
	Vendor: 12011
	Manufacturer: --

Testing Status			
Pre- Production	<input type="checkbox"/>	Production	<input type="checkbox"/>
Retest	<input type="checkbox"/>	Previous Report No.:	

Test Result Summary	
Test Requested	Result
Protocol for Plastic (Housewares, Flatware, Serving Dishes, Food Contact Table Top Accessories, Drinking Vessels, Lunch Box) (US)	PASS
Plastic Food Container(CN)	PASS

For and on behalf of
Dongguan Modern Testing Service Co., Ltd.



LAU Kwok Ping, Leo
Manager, Hardlines



AMSCAN TEST REPORT

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TEST SUMMARY:

Refer to the protocol pages and the following chemical test results.

U.S. FDA 21 CFR 177.1630 – Polyethylene Phthalate Polymers – Polyethylene Phthalate Plastics

Extracting condition: Water (250 °F, 2 hr.), Heptane (150 °F 2 hr.), 50% Ethanol (120 °F, 24 hr.)

Parameter	Unit	Result	Limit
		1	
Chloroform - Soluble Extractives			
Distilled Water	mg/in ²	<0.05	≤0.5
n-Heptane	mg/in ²	<0.05	≤0.5
50% Ethanol	mg/in ²	<0.05	≤0.5
Conclusion		PASS	-

Test Item 1: Transparent / White / Red plastic (Client claimed material: PET) (Christmas candy stripe straws)

Note: mg/in² = milligrams per square

"<" = less than

"≤" = less than or equal to

Method: U.S. FDA 21 CFR 177.1630

NOTE:

If there is question or concern regarding the above results, please contact the appropriate lab person below:

General question & concern: YANG Jin Ping, Shirley
Customer Service Coordinator
(86)769 8112 0816
dghardline@mts-global.com

Technical question & concern: CHAN Kim Ching, Ron
Supervisor
(86)769 8112 0816
rchan@mts-global.com

The testing lab overall rating is provided to client as an aid in reviewing report data. The rating is based on lab results. Final product acceptance or rejection is per client only. Testing of vendor's merchandise by client is not a substitute for vendor's own testing and other quality assurance related obligations in connection with its sale of merchandise to client. Client testing shall not limit client's rights, or diminish or remove any of vendor's responsibilities.



MODERN TESTING SERVICES TEST PROTOCOL

SUMMARY OF TEST RESULTS

Plastic (Housewares, Flatware, Serving Dishes, Food Contact Table Top Accessories, Drinking Vessels, Lunch Box) (US)

Client Code -- Technician Fly Yu
 Date In 24/07/08 Date Out 06/08/08
 Sample CHRISTMAS CANDY STRIPE STRAWS

Report Number DH-08-01898
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 Results Reviewed by Ron Chan

TEST CODE	TESTED PROPERTY	REQUIREMENT	Test Results	Rating
SUPPLEMENTAL PROTOCOLS				
Applicable Section from Protocol	* CA Prop 65	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	NA	--
LABELING				
F.P. & L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	One Time Use Products	Manufacturer, Packer, or Distributor's Name & Address (City, State & Zip)	Meet	PASS
	**Fair Packaging and Labeling Act OR	Product Identification	Meet	PASS
	All Other Products	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).	Meet	PASS
**Uniform Packaging and Labeling Regulations				
19 CFR 134.11	**Country of Origin Marking	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.	Meet	PASS
MTS in-house method	Use Labeling	Use / care instructions that are clear and understandable shall be provided in language appropriate to destination countries.	Meet	PASS
ANALYTICAL				
ASTM E1613-04 / E1645-01 (Mod.)	* Lead In Surface Coating	Shall not exceed 600 ppm (0.06% by weight) total lead.	NA (No Surface Coating)	--
FDA, 21, CFR Parts 175 & 177 per Plastic Type	* Food Contact Plastic - Food Simulating Solvents Extractives	Shall meet applicable requirements of specific plastic material type.	Meet (Refer Test Result)	PASS
PHYSICAL CHARACTERISTICS				
MTS in-house method	Dimensions (If Labeled)	Report overall dimensions; shall meet label claims (If applicable) (-0% / +5%).	Claim: 22.86cm Record: Length:226.52mm(1pc)	PASS
MTS in-house method	Weight (If Labeled)	Report overall weight; shall meet label claims (If applicable) (-0% / +5%).	Claim: No Claim Record: 158.1g	--
MTS in-house method	Capacity (If Labeled)	Report overall capacity; shall meet label claims (If applicable) (-0% / +5%).	NA	--
MTS in-house method	Parts Inventory	Shall meet label claims.	Claim: 24pcs Record: 24pcs	PASS
MTS in-house method	Warpage	Shall not rock appreciably on smooth surface and not show warpage (If Applicable).	NA	--



MODERN TESTING SERVICES TEST PROTOCOL

SUMMARY OF TEST RESULTS

Plastic (Housewares, Flatware, Serving Dishes, Food Contact Table Top Accessories, Drinking Vessels, Lunch Box) (US)

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TEST CODE	TESTED PROPERTY	REQUIREMENT	Test Results	Rating
CONSTRUCTION & WORKMANSHIP				
16 CFR 1500.48 / 1500.49 (Mod.)	Sharp Points / Edges	Shall have no sharp points / edges, other than those required for function.	Meet	PASS
MTS in-house method	Defects	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.	Meet	PASS
MTS in-house method	Workmanship	Shall have no components missing, malformed, and / or fractured.	Meet	PASS
PERFORMANCE				
MTS in-house method	Functionality	Shall function as intended. Report details of evaluation (materials used / features tested / consumables / method / etc.)	Meet	PASS
16 CFR 1500.44	Flammability	Shall not burn with a self-sustaining flame at a rate greater than 0.1 inch per second along its major axis.	Meet	PASS
MTS in-house method	Hand Wash Exposure	Shall exhibit no exterior surface degradation after being hand washed 10 times using a national brand liquid detergent at peak of 110° F, followed by rinse in cold water.	Meet	PASS
MTS in-house method	Dishwasher Exposure (If Applicable)	Shall be no surface degradation, crazing, scratches, or deformation after 10 cycles on normal wash using national brand automatic detergent at peak wash temperature of 140° F.	NA	--
MTS in-house method	Stain Resistance (If Applicable)	Shall resist staining to common food and household chemicals.	NA	--
MTS in-house method	Microwave Exposure (If Applicable)	Shall withstand test with no distortion, melting, surface deformation, or staining after 5 cycles. Test filled 2/3 full of water. Note time to bring to boil (Max of 5 minutes).	NA	--
MTS in-house method	Impact Resistance (Drop Test) (Non fragile item only)	Shall withstand drops with no damage - 4 times from a height of 3 feet. Verify impact did not damage connections to handles if applicable.	Meet	PASS
MTS in-house method	Handle Strength (If Applicable)	Min. 10 lb static load (less than 1000 ml) Min. 20 lb static load (greater than 1000 ml)	NA	--
MTS in-house method	Resistance to Scratching Other Surfaces	No Scratching of surface – 3 cycles of 6 inches back and forth.	NA	--



MODERN TESTING SERVICES TEST PROTOCOL

SUMMARY OF TEST RESULTS

Plastic (Housewares, Flatware, Serving Dishes, Food Contact Table Top Accessories, Drinking Vessels, Lunch Box) (US)

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TEST CODE	TESTED PROPERTY	REQUIREMENT	Test Results	Rating
MTS in-house method	Snap Fit Lid (If Applicable)	Snap fit lid shall fit onto cup. Lid shall remain attached when cup is filled with liquid and inverted.	NA	--
MTS in-house method	Hinges / Locking Mechanism	No Failure - 100 times cycling	NA	--
Std. Measure	Holding Durability	Total weight loaded (2 times normal) no failure	NA	--
MTS in-house method	Lid Seating and Fit (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	--
MTS in-house method	Pitcher Flow Control	Shall not allow passage of fluid when in closed position after open / close 1,000 cycles; shall function as intended when open	NA	--
MTS in-house method	Effects of Humidity	No change after 24 hours @ 95% RH, 100 ° F	Meet	PASS
MTS in-house method	Effects of Heat	No visual change or failure after 4 hours at 120° F	Meet	PASS
MTS in-house method	Effects of Extreme Temperature (Environmental)	4 hours @ 0° F and 120° F - No failure or visual change	Meet	PASS
ASTM B117-03 (Mod.)	Resistance to Corrosion (Metal Components)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change. Modification = 1% salt (fog) spray.	NA	--



MODERN TESTING SERVICES TEST PROTOCOL

SUMMARY OF TEST RESULTS

Plastic Food Container(CN)

Client Code -- Technician Fly Yu
 Date In 24/07/08 Date Out 06/08/08
 Sample CHRISTMAS CANDY STRIPE STRAWS

Report Number DH-08-01898
 Page No. Page 1 of 4
 Results Reviewed by Ron Chan

TEST CODE	TESTED PROPERTY	REQUIREMENT	Test Results	Rating												
LABELING																
Consumer Pkg. & Labeling Act & Regulations	**Labeling- Packaging (Packaging "Copy" Or Artwork Request Form May Be Substituted)	<p>Manufacturer or distributor's name & address (city & zip). Minimum 1.6 mm type size Placed anywhere except bottom – English or French</p> <p>Product Net Quantity English And French (Metric) 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 In²)</td> <td>1.6 mm (1/16 In)</td> </tr> <tr> <td>>32 cm² but <258 cm² (40 In²)</td> <td>3.2 mm (1/8 In)</td> </tr> <tr> <td>>258 cm² but < 645 cm² (100 In²)</td> <td>6.4 mm (1/4 In)</td> </tr> <tr> <td>>645 cm² but <25.8 dm² (400 In²)</td> <td>9.5 mm (3/8 In)</td> </tr> <tr> <td>>25.8 dm² (400 In²)</td> <td>12.7 mm (1/2 In)</td> </tr> </table> <p>Product identification English and French, PDP in bold with 1.6 mm minimum type size</p>	Principal Display Panel	Minimum Type	<32 cm ² (5 In ²)	1.6 mm (1/16 In)	>32 cm ² but <258 cm ² (40 In ²)	3.2 mm (1/8 In)	>258 cm ² but < 645 cm ² (100 In ²)	6.4 mm (1/4 In)	>645 cm ² but <25.8 dm ² (400 In ²)	9.5 mm (3/8 In)	>25.8 dm ² (400 In ²)	12.7 mm (1/2 In)	Meet	PASS
Principal Display Panel	Minimum Type															
<32 cm ² (5 In ²)	1.6 mm (1/16 In)															
>32 cm ² but <258 cm ² (40 In ²)	3.2 mm (1/8 In)															
>258 cm ² but < 645 cm ² (100 In ²)	6.4 mm (1/4 In)															
>645 cm ² but <25.8 dm ² (400 In ²)	9.5 mm (3/8 In)															
>25.8 dm ² (400 In ²)	12.7 mm (1/2 In)															
Consumer Packaging and Labeling Act and Regulations, c. 417, Section 6	**Labeling – Packaging	<p>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.</p> <p>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.</p>	Meet	PASS												
Quebec, R.S.Q., c. C-11	**Labeling – Packaging	<p>Every inspection 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.</p>	Meet	PASS												



MODERN TESTING SERVICES TEST PROTOCOL

SUMMARY OF TEST RESULTS

Plastic Food Container(CN)

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TEST CODE	TESTED PROPERTY	REQUIREMENT	Test Results	Rating
Can. Customs Tariff, c. 535	**Country Of Origin (If Imported)	For goods imported from non-NAFTA countries, the marking should appear on the individual article. In addition, if point of sale packaging conceals the marking on the product, then the packaging should also be marked. The marking shall consist of: -The name and address of a Canadian dealer preceded by the words "imported by" ("importe par") or "imported for" ("importe 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 The type height of the name of the manufacturer or distributor must be a minimum 1.6 mm as measured with reference to the lower case "o". English or French	Meet	PASS
ANALYTICAL				
Health Canada Product Bureau reference manual, Book 5, Part B, method C-02	*Lead In Surface Coating (Canada)	Shall not exceed 600 ppm (0.06% by weight) total lead.	NA (No Surface Coating)	--
Health Canada Product Bureau reference manual, Book 5, Part B, method C-03, 04, 05, 06, 08	*Heavy Metals (Canada) (Children's Items)	Not in excess of 1000 ppm (0.1%) - Antimony, Arsenic, Cadmium, Selenium and Barium (CHPA Schedule 1 Part 1)	NA	--
Health Canada Product Bureau reference manual, Book 5, Part B, method C-07	*Mercury (Canada) (Children's Items)	No mercury (CHPA Schedule 1 Part 1)	NA	--



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TEST CODE	TESTED PROPERTY	REQUIREMENT	Test Results	Rating
FDA, 21, CFR Parts 175 & 177 per Plastic Type	*Food Contact Plastic - Food Simulating Solvents Extractives	Shall meet applicable requirements of specific plastic material type.	Meet (Refer Test Result)	PASS
PHYSICAL CHARACTERISTICS				
MTS in-house method	Dimensions	Report overall dimensions; shall meet label claims (If applicable).	Claim: 22.86cm Record: Length:226.52mm(1pc)	PASS
MTS in-house method	Diameter	Report overall diameter; shall meet label claims (If applicable).	Claim: No Claim Record:Dia.:6.14mm	--
MTS in-house method	Weight	Report overall weight; shall meet label claims (If applicable).	Claim: No Claim Record: 158.1g	--
MTS in-house method	Capacity	Report overall capacity; shall meet label claims (If applicable).	NA	--
MTS in-house method	Parts Inventory	Shall meet label claims.	Claim: 24pcs Record: 24pcs	PASS
CONSTRUCTION & WORKMANSHIP				
C.R.C., c. 931-04, Section 8	Sharp Points and Edges	Shall have no sharp edges or sharp points on any component other than those required for functional use	Meet	PASS
MTS in-house method	Defects	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.	Meet	PASS
MTS in-house method	Workmanship	Shall have no components missing, malformed, and/or fractured.	Meet	PASS
MTS in-house method	Warpage	Shall not rock appreciably on smooth surface and not show warpage (If Applicable).	NA	--
PERFORMANCE				
MTS in-house method	Functionality	Shall function as intended. Report details of evaluation (materials used / features tested / consumables / method / etc.)	Meet	PASS
16 CFR 1500.44	Flammability	Shall not burn with a self-sustaining flame at a rate greater than 0.1 inch per second along its major axis.	Meet	PASS



MODERN TESTING SERVICES TEST PROTOCOL

SUMMARY OF TEST RESULTS

Plastic Food Container(CN)

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TEST CODE	TESTED PROPERTY	REQUIREMENT	Test Results	Rating
MTS in-house method	Hand Wash Exposure	Shall exhibit no exterior surface degradation after being hand washed 10 times using a national brand liquid detergent at peak of 110° F, followed by rinse in cold water.	Meet	PASS
MTS in-house method	Dishwasher Exposure (If Applicable)	Shall be no surface degradation, crazing, scratches, or deformation after 10 cycles on normal wash using national brand automatic detergent at peak wash temperature of 140° F.	NA	--
MTS in-house method	Stain Resistance (If Applicable)	Shall resist staining to common food and household chemicals.	NA	--
MTS in-house method	Microwave Exposure (If Applicable)	Shall withstand test with no distortion, melting, surface deformation, or staining after 5 cycles. Test filled 2/3 full of water. Note time to bring to boil (Max of 5 minutes).	NA	--
MTS in-house method	Impact Resistance (Drop Test) (Non fragile item only)	Shall withstand drops with no damage - 4 times from a height of 3 feet. Verify impact did not damage connections to handles if applicable.	Meet	PASS
MTS in-house method	Handle Strength (If Applicable)	Min. 10 lb static load (less than 1000 ml) Min. 20 lb static load (greater than 1000 ml)	NA	--
MTS in-house method	Resistance to Scratching Other Surfaces	No Scratching of surface – 3 cycles of 6 inches back and forth.	NA	--
MTS in-house method	Snap Fit Lid (If Applicable)	Snap fit lid shall fit onto cup. Lid shall remain attached when cup is filled with liquid and inverted.	NA	--
MTS in-house method	Hinges / Locking Mechanism	No Failure - 100 times cycling	NA	--
Std. Measure	Holding Durability	Total weight loaded (2 times normal) no failure	NA	--
MTS in-house method	Lid Seating and Fit (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	--
MTS in-house method	Pitcher Flow Control	Shall not allow passage of fluid when in closed position after open / close 1,000 cycles; shall function as intended when open.	NA	--
MTS in-house method	Effects of Humidity	No change after 24 hours @ 95% RH, 100 °F	Meet	PASS
MTS in-house method	Effects of Extreme Temperature (Environmental)	24 hours @ 0° F and 120° F - No failure or visual change	Meet	PASS
ASTM B117-03 (Mod.)	Resistance to Corrosion (Metal Components)	Withstand 24 hours in 1% salt spray (fog) with no major corrosion or visual change. Modification = 1% salt (fog) spray.	NA	--