



# CONSUMER TESTING LABORATORIES, Inc.

SOFTLINES TESTING LABORATORY • 2601 SE OTIS CORLEY DRIVE • BENTONVILLE, AR 72712  
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## Evaluation of Test Results

**Lab Report No:** ARSM002045

**Date:** APRIL 30, 2010

**Item Description:** SCREENED PRINT TEE

**CLIENT:** MAD ENGINE, INC

**COUNTRY OF ORIGIN:** HONDURAS

**STYLE/MODEL NUMBER(S):** MAD ENGINE 2010 PC&T

**REASON FOR TESTING:** EVALUATION OF LEAD CONTENT

\*\*\* Please see the following pages for Color/Sizes and PO Numbers Tested \*\*\*

**Rating: NOT RATED**

1. The accessible substrate(s) on the submitted sample comply with the lead content requirements of Section 101(a) (2) (B) of the CPSIA 2008.
2. The surface coating(s) on the submitted sample comply with the requirements of 16 CFR Part 1303 Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead Containing Paint. The tests were conducted on April 30, 2010, by Consumer Testing Laboratories, Inc. 611 Dream Valley Road, Rogers, AR 72756, (479) 636-8782.

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**ADDITIONAL SAMPLE INFORMATION**

**SIZE(S)**

XL

**PO NUMBER(S)**

HR4040-325

**COLOR(S)**

WHITE

**FIBER CONTENT**

100 COTT

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CONSUMER TESTING LABORATORIES, INC.



CHERYL SPENCER  
TEXTILE LABORATORY MANAGER  
BENTONVILLE BRANCH  
REW

STEVEN MANSFIELD

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# CONSUMER TESTING LABORATORIES, INC

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## SOFTLINES APPAREL WORKSHEET

Lab Report No.: [ARSM002045](#)

Date: [4/30/2010](#)

Item Description: [SCREEN PRINT TEE](#)

### SAMPLE INFORMATION

Size

[XL](#)

Color

[WHITE](#)

**RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS**

	RATING	COMMENTS
<p><i>Note: This worksheet is a supplement and must accompany the applicable product specific worksheet</i></p> <p><b>TRACKING LABEL - PACKAGING</b></p> <p><i>Note: Tracking labeling consists of Manufacturer / Private Labeler Name, Location of Product, Date of Production; OR this information may be in a code</i></p> <p>On Package: --- _____</p>		
<p>On Product: <a href="#">Honduras, RFC: GAM-050502-JA8</a></p>	P	
<p><b>SURFACE COATINGS</b></p> <p><u>TOTAL LEAD IN SURFACE COATINGS</u></p> <p>Lead content of the products surface coating(s) scraped from the product does not exceed 0.009% (90 ppm)</p>	P	See RSHC Data Table
<p><u>SOLUBLE ELEMENTS IN SURFACE COATINGS</u></p> <p><i>Note: soluble compound / elements in surface coating requirements applies to child care articles only</i></p> <p>Product meets one of the following:</p>	---	N/A - Not a child care article
<p>Test report provided (not older than 12 months from current date) indicates that the surface coating(s) scraped from the product do not exceed the following limits:</p> <p>Test report date: _____ --- Y/N</p>		N/A - Not a child care article
<p>Lead            0.009% (90 ppm) soluble</p> <p>Mercury        0.006% (60ppm) soluble</p> <p>Antimony      0.006% (60 ppm) soluble</p> <p>Arsenic        0.0025% (25 ppm) soluble</p> <p>Barium         0.1% (1000 ppm) soluble</p> <p>Cadmium       0.0075% (75 ppm) soluble</p> <p>Chromium      0.006% (60 ppm) soluble</p> <p>Selenium      0.05% (500 ppm) soluble</p>		N/A - Not a child care article
<p><b>OR</b></p> <p>Soluble element testing indicates that the following compounds in surface coating(s) scraped from the product do not exceed the above limits: _____ --- Y/N</p>		N/A - Not a child care article

RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS				
	RATING	COMMENTS		
<b>ACCESSIBLE SUBSTRATES / BASE MATERIALS</b>				
<u>TOTAL LEAD IN SUBSTRATES / BASE MATERIALS</u>				
Product meets one of the following:	<b>P</b>	See RSHC Data Table		
<p><i>Note: XRF testing is not performed on metal substrates / base materials. For metal substrates / base materials only perform wet chemistry testing</i></p> <p><i>Note: XRF testing is not performed on mouthable components of child care articles. For mouthable components of child care articles only perform wet chemistry testing.</i></p> <p>X-Ray Fluorescence (XRF) prescreening indicates a lead level less than 0.01% (100ppm) for any accessible substrate / base material</p> <p style="text-align: right;">_____ <b>Yes</b> _____ Y/N</p> <p><b>OR</b></p> <p>Lead content of all accessible substrates / base materials, sampled from the finished product do not exceed 0.03% (300 ppm)</p> <p style="text-align: right;">_____ <b>---</b> _____ Y/N</p>				
<u>HEAVY ELEMENTS IN SUBSTRATES / BASE MATERIALS</u>				
<p><i>Note: Heavy elements in substrates requirements only apply to mouthable components of child care articles</i></p> <p><i>Note: for glass, ceramic, and metals - only those components that fit into the small parts cylinder must meet this requirement. Product is tested in the assembled state</i></p> <p>Product meets one of the following:</p> <p>Test report provided (not older than 12 months from current date) indicates soluble or total heavy elements in substrates do not exceed the following limits:</p> <p>Test report date: _____ <b>---</b> _____</p> <p style="text-align: right;">_____ <b>---</b> _____ Y/N</p>				
	<b>---</b>	N/A - Not a child care article		
		N/A - Not a child care article		

RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS		RATING	COMMENTS
Mercury	not intentionally added, 0.0005% (5ppm) soluble		<i>N/A - Not a child care article</i>
Antimony	0.006% (60 ppm)		<i>N/A - Not a child care article</i>
Arsenic	0.0025% (25 ppm)		<i>N/A - Not a child care article</i>
Barium	0.1% (1000 ppm)		<i>N/A - Not a child care article</i>
Cadmium	0.0075% (75 ppm)		<i>N/A - Not a child care article</i>
Chromium	0.006% (60 ppm)		<i>N/A - Not a child care article</i>
Selenium	0.05% (500 ppm)		<i>N/A - Not a child care article</i>
<b>OR</b>			
Heavy element screening indicates that the total heavy element content in the product substrates do not exceed the above limits:		---	<i>N/A - Not a child care article</i>
<b>OR</b>			
Soluble element testing indicates that the heavy element content in the product substrates do not exceed the above limits:		---	<i>N/A - Not a child care article</i>
<b>ILLINOIS LEAD POISONING PREVENTION ACT WARNING LABEL</b>			
<p><i>Note: There are no material exemptions for this requirement</i></p> <p><i>Note: The following requirements apply to products marketed to children under 12</i></p> <p><i>Note: The following requirements apply to accessible components in child care articles before and after the use and abuse test</i></p> <p>Product includes the following warning label:            WARNING: CONTAINS LEAD. MAY BE HARMFUL IF EATEN OR CHEWED. MAY GENERATE DUST CONTAINING LEAD</p>		---	<i>N/A - Not a child care article</i>
<b>Child Care Articles</b>			
If product is a child care article, intended to be placed in the mouth, intended for children under 6, and the lead content in the surface coating is greater than 0.004% (40 ppm) and less than 0.009% (90 ppm), OR the substrate lead content is greater than 0.004% (40ppm) and less than 0.03% (300ppm), then the product includes the above labeling		---	<i>N/A - Not a child care article</i>

RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS			
	RATING	COMMENTS	
<p><b>PHTHALATES</b></p> <p>Child care articles that include a soft plasticized component or children apparel items that include a soft plasticized component that is accessible to the mouth when worn meets one of the following:</p> <p>Test report provided (dated within 1 year) indicates that the finished product contains no more than 0.1% (1000 ppm) of each of the phthalates listed below.</p> <p>Test report must indicate testing was performed as per method EPA 8270C, EN14372 or ASTM D3421, or states compliance with CPSIA Section 108 (HR4040):</p> <p>Test report date _____ --- _____ Y/N</p> <p><b>OR</b></p> <p>Phthalate testing indicates that the finished product component contains no more than 0.1% (1000 ppm) of each of the phthalates listed below.</p> <p>DINP diisononyl phthalate            DIDP diisodecyl phthalate            DnOP di-n-octyl phthalate            DEHP di-(2-ethylhexyl) phthalate            BBP benzyl butyl phthalate            DBP dibutyl phthalate</p> <p>_____ --- _____ Y/N</p> <p><b>HAZARDOUS LIQUID CHEMICALS</b></p> <p>Test report is provided indicating no hazardous chemicals are present in liquid filled products in accordance with 16 CFR 1500.231 or Canada Hazardous Products Act (if applicable)</p>	---	<i>N/A - Not a child care article or children's apparel item that includes soft plasticized components, accessible to the mouth when used or worn</i>	
			<i>N/A - Phthalate testing not required</i>
			<i>N/A - Phthalate testing not required</i>
			<i>N/A - Phthalate testing not required</i>
			<i>N/A - Phthalate testing not required</i>
			<i>N/A - Phthalate testing not required</i>
			<i>N/A - Phthalate testing not required</i>
			<i>N/A - Phthalate testing not required</i>
		---	<i>N/A -Does not contain / include a liquid, putty, paste, powder or gel</i>

**RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS**

	RATING	COMMENTS
<p><b>LIQUIDS, PUTTIES, PASTES, POWDERS, GELS</b></p> <p><u>USP 61 / 62 Microbiological Examination</u></p> <p>Test report is provided indicating the product meets the requirements of &lt;1,000 CFU/ml for total viable count (total plate count + yeast &amp; mold count) and is not contaminated with Salmonella, E. Coli, Pseudomonas Aeruginosa, or Staphylococcus Aureus as in minimize risk associated with lack of cleanliness, shelf life and contamination. Product shall not be contaminated with Clostridia species, Candida albicans and Bile tolerant Gram negative bacteria</p> <p>Report Date (dated within 1 year) _____ ---</p>	---	N/A -Does not contain / include a liquid, putty, paste, powder or gel
<p><u>USP 51 Preservative Effectiveness Test</u></p> <p>Test report is provided which indicates that liquids, putties, pastes, powders, or gels sampled from the finished goods have been tested in accordance to United States Pharmacopeia (USP) 51 Preservative Effectiveness Test</p> <p>Report Date (dated within 2 years) _____ ---</p>	---	N/A -Does not contain / include a liquid, putty, paste, powder or gel
<p><u>Combustible Liquids</u></p> <p>Note: the following requirement is for products marketed in the US only</p> <p>Test report is provided which indicates that all liquids sampled from the finished goods have a flash point higher than 150°F (65.6°C) when tested in accordance with 16 CFR 1500.43</p> <p>Report Date (dated within 1 year) _____ ---</p>	---	N/A -Does not contain / include a liquid, putty, paste, powder or gel

TOTAL LEAD CONTENT IN SURFACE COATINGS				
Surface Coating Location	Surface Coating Color	Enough material provided for testing? Y/N	Total Lead Content (Measurement in PPM, unless otherwise specified)	
<i>screen print</i>	<i>red, purple, black</i>	Y	<24	
<i>screen print</i>	<i>gold, white, yellow</i>	Y	<23.5	
<i>screen print</i>	<i>violet, marine, orange</i>	Y	<25.8	
<i>screen print</i>	<i>green, blue, magenta</i>	Y	<25.9	
<i>screen print</i>	<i>flourescent pink, flourescent yellow, flourescent red</i>	Y	<25.8	
<i>screen print</i>	<i>yellow multi, brown multi, shiney silver</i>	Y	<25.9	
<i>screen print</i>	<i>white, glow-in-the-dark, clear spider</i>	Y	<25.5	
<i>screen print</i>	<i>clear skull, crystaline spider, soft hand star</i>	Y	<26	
<i>screen print</i>	<i>white skull, puffy white spider</i>	Y	<24.5	
SUBSTRATE / BASE MATERIAL LIST				
Record all accessible substrate - base materials below:				
Location / Position on Product	Color	Material	XRF Pre-Screen Lead Content	Wet Chemistry Lead Content
			(Measurement in PPM, unless otherwise specified)	
<i>logo label</i>	<i>white/black</i>	<i>fabric/print</i>	<i>nd</i>	
<i>logo label</i>	<i>blue/grey/maroon</i>	<i>fabric/print</i>	<i>nd</i>	
LT = Less than, ND = Not Detected at the Reporting Limit				

