



REPORT

Technical Report: (6610)106-0181

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APR.27, 2010





Greenbrier International, Inc. TEST REPORT

GREENBRIER INTERNATIONAL, INC.
500 VOLVO PARKWAY
CHESAPEAKE, VA 23320

ATTN: DEBBIE SMITH
C.C.:
EMAIL: DSMITH@DOLLARTREE.COM

LAB LOCATION: SHANGHAI
LAB NUMBER: (6610)106-0181
CLIENT NO.: /
DEPARTMENT: 93
DATE IN: APR.19, 2010
DATE OUT: APR.27, 2010
MOD. LOG IN: /
REVISED DATE: /
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SUBMISSION PROCESS

Sample Collection:

- Initial Sample Collection (DC's 1/5 Only)
- Second Sample Collection (DC's 2/3/4/6/7/8/10)
- Single Sample Collection (All DC's - 50% of Entire Quantity Produced)
- Random Sampling of Failure (All DC's - 90% of Entire Quantity Produced)
- Random Sampling of Failure w/ Prop 65 (DC 4 & Non-DC 4 - 90% of Entire Quantity Produced)

Vendor Direct

**TESTING FOR
GRBI -08000-US TOYS/GRBI-08444-US
CPSIA REQUIREMENTS SUPPLEMENT**

OVERALL RATING

PASS	X
CAR	_____
FAIL	_____

**RANDOM SAMPLING REQUIRED
**VENDOR PLEASE NOTE RANDOM SAMPLING
IS REQUIRED ON ALL FAILED REPORTS****

Sample Description:	MP HALLOWEEN METALLIC SKULL MSK		
Final Packaging:	Yes (submitted for review)	<input checked="" type="checkbox"/> X	No (not submitted for review)
Submitter:	HOME MARK HK LTD	Vendor Number:	8819
Country of Origin:	CHINA	Style:	3 STYLES
Color:	3 STYLES	Greenbrier International SKU Number:	20163
Department Number:	93	2nd SKU Number:	/
Previous Report No.:	/	P.O. Number:	1143188
Manufacturer:	NINGBO JISHIGANG HONGSHENG PLASTIC COMPANY	Date of Manufacture:	APR.01,2010
Date of Testing:	APR.27, 2010	Place of Manufacture:	NO.69,BAO JIA BAI YUE, JISHIGANG TOWN, YINZHOU, NINGBO
Revised Report:	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/> X	2nd P.O. Number: /
Charge Vendor:	Yes: <input checked="" type="checkbox"/> X	No: <input type="checkbox"/>	Vendor Item Number: 952444
Reason For Revision:	/		



TEST PROPERTY	PASS	CAR	FAIL	COMMENTS
Labeling	X			
Physical Characteristics	X			
Construction Qualities	X			
Performance	X			
Colorfastness	N/A			
Flammability	X			
Analytical: 16 CFR 1303 lead content *	X			
BBP / DBP / DEHP content DnOP / DINP / DIDP content	X			
CA 65 5P	N/A			
Heavy metals in packaging-DOC	X			
Lead in substrate	X			

*This third party report was issued to certify the tested product(s) complied with this rule, ban, standard, or regulation

Note:

1. The sample(s) was not evaluated to the Normal Use testing requirement specified in ASTM F963-08, Section 8.5. It is the responsibility of the manufacturer, vendor or distributor to conduct tests that will simulate normal use conditions. These tests shall also simulate the normal play mode of the toy and to simulate the expected mode of use of the particular toy. The tests shall be conducted in an expected use environment. These normal use tests shall simulate the intended use of the toy based on its estimated lifetime
2. The document of Heavy metals in packaging test provided by vendor via fax. The No. Of certificate is (8509) 314-0325 Issued by BVHK on NOV.19, 2009 & TJTC0961067/CHEM issued by SGS on JUN.29, 2009 & CANEC0902694802 Issued by SGS on MAY.31, 2009
3. The sample was tested for children "over 8 years of age" as client's request.

BVCPS (shanghai) contact information for this report

Technical Questions:

Primary Contact: Winter Ding 24166888 ext 6830, E-mail: Winter.Ding@cn.bureauveritas.com
 Back-Up Contact: Joy Shi 24166888 ext 6900, E-mail: Joy.Shi@cn.bureauveritas.com

Concerns About Billing and General Inquires:

Primary Contact: Kid Tian 24166888 ext 6826, E-mail: Kid.Tian@cn.bureauveritas.com
 Back-Up Contact: Angus Xiong 24166888 ext 6828, E-mail: Angus.Xiong@cn.bureauveritas.com

**BUREAU VERITAS
 CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)**

JOY SHI
 ASSISTANT OPERATION MANAGER (HARDLINE & TOY DIVISION)

TOTAL LEAD CONTENT OF SURFACE COATING OF CPSIA, "CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008" (90PPM) (EFFECTIVE AUGUST 14, 2009)



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Element:			Lead		
Requirement: Maximum allowable limit (0.009% by weight)			90 mg/kg		
Sample Description			Result (mg/kg)	Conclusion	
Color / Component	Location	Style			
	Surface Coating				
(A)	Blue on plastic	/	/	LT 10	Pass
(B)	Silver on plastic	/	/	10	Pass
(C)	Golden on plastic	/	/	14	Pass

LT = Less than
* = Average of duplicate analyses
mg/kg = milligrams per kilogram (ppm = parts per million)

TOTAL LEAD CONTENT IN SURFACE COATING (Illinois General Assembly, Public Act 095-1019)

Test Method: Acid digestion followed by Atomic Absorption Spectrophotometry or Inductively Coupled Plasma Spectrometry

Element:			Lead		
Requirement: Maximum allowable limit (0.004% by weight)			40 mg/kg		
Sample Description			Result (mg/kg)	Conclusion	
Color / Component	Location	Style			
	Surface Coating				
(A)	Blue on plastic	/	/	LT 10	Pass
(B)	Silver on plastic	/	/	10	Pass
(C)	Golden on plastic	/	/	14	Pass

LT = Less than
* = Average of duplicate analyses
mg/kg = milligrams per kilogram (ppm = parts per million)

SOLUBLE HEAVY METALS CONTENT (ASTM F963-08, Section 4.3.5.2)

	Color / Component	Location	Style
	Surface Coating		
A.	Blue on plastic	/	/
B.	Silver on plastic	/	/
C.	Golden on plastic	/	/

Element	Arsenic	Barium	Cadmium	Chromium	Mercury	Lead	Antimony	Selenium	
Maximum Limit (mg/kg)	25	1000	75	60	60	90	60	500	
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%	
Sample	Result (mg/kg)								Conclusion



A.	LT 2.5	6	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	Pass
B.	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	Pass
C.	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	Pass

LT = Less Than

CR = Adjusted analytical result

mg/kg = milligrams per kilogram (ppm = parts per million)

* = Average of duplicate analyses

CPSC Total lead content in substrate material (Consumer Product Safety Improvement Act of 2008 / EPA 3050B(mod) / EPA 3051(mod) / EPA 3052(mod) / CPSD-AN-00007-MTHD/ CPSD-AN-00008-MTHD)

Element:				Lead	Conclusion
Requirement: Maximum allowable limit (0.03% by weight)				300 mg/kg	
Sample Description			Result (mg/kg)	Conclusion	
Color / Component	Location	Style			
(A) White sponge	/	/	LT 10	Pass	
(B) Glue	/	/	LT 10	Pass	
(C) Plastic under blue mask(remove coating)	/	/	22	Pass	
(D) Plastic under golden mask (remove coating)	/	/	11	Pass	
(E) Plastic under silver mask (remove coating)	/	/	LT 10	Pass	

LT = Less than

* = Average of duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)

PHTHALATES CONTENT IN TOYS AND CHILDCARE ARTICLES (Consumer Product Safety Improvement Act of 2008 / CPSD-AN-00143-MTHD)

Sample Identity	Test Component	Location	Style
(A)	Glue	/	/
(B)	White sponge	/	/
(C)	Blue coating	/	/
(D)	Golden coating	/	/
(E)	Silver coating	/	/
(F)	Black plastic (remove coating)	/	/



Test Parameter:	DBP	BBP	DEHP	
Limit (%):	0.1	0.1	0.1	
Sample	Result (%)			Conclusion
(A)	LT 0.005	LT 0.005	LT 0.005	Pass
(B)	LT 0.005	LT 0.005	LT 0.005	Pass
(C)	LT 0.005	LT 0.005	LT 0.005	Pass
(D)	LT 0.005	LT 0.005	0.00613	Pass
(E)	LT 0.005	LT 0.005	0.0892	Pass
(F)	LT 0.005	LT 0.005	LT 0.005	Pass

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)

DINP = Di-iso-nonyl phthalate (0.005%)

DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than

ND = None detected

**PHthalates Content in Toys and Childcare Articles which can be placed in mouth by the children
(Consumer Product Safety Improvement Act of 2008 / CPSD-AN-00143-MTHD)**

Sample Identity	Test Component	Location	Style
(A)	Glue	/	/
(B)	White sponge	/	/
(C)	Blue coating	/	/
(D)	Golden coating	/	/
(E)	Silver coating	/	/
(F)	Black plastic (remove coating)	/	/

Test Parameter:	DNOP	DINP	DIDP	
Limit (%):	0.1	0.1	0.1	
Sample	Result (%)			Conclusion
(A)	LT 0.005	LT 0.005	LT 0.005	Pass
(B)	LT 0.005	LT 0.005	LT 0.005	Pass
(C)	LT 0.005	LT 0.005	LT 0.005	Pass
(D)	LT 0.005	LT 0.005	LT 0.005	Pass
(E)	LT 0.005	0.0133	LT 0.005	Pass
(F)	LT 0.005	LT 0.005	LT 0.005	Pass

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)

DINP = Di-iso-nonyl phthalate (0.005%)

DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than

ND = None detected



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GREENBRIER INTERNATIONAL INC TEST PROTOCOL FOR

**GRBI - 08000 - US
TOYS (V21)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
<p>SCOPE: PLAYING CARDS ARE NOT TO BE TESTED UNDER THIS PROTOCOL. THEY SHOULD BE TESTED UNDER GRBI-TY-PTCL-08031-US PER CLIENT'S REQUEST. Pencils/Colored Pencils are not to be tested under this protocol. They should be tested under GRBI-5010-US per client's request. Note: If the pencils/colored pencils contain components not covered under GRBI-HL-PTCL-05010-US (paints, plush toppers, etc.), still test to GRBI-HL-PTCL-05010-US, but please apply applicable sections of this protocol. ALL keychains are to be tested to this protocol per client's request. Adult keychains shall be evaluated as over 8 years. Children's keychains/ Toy keychains shall be age graded and tested per the age grade SOP and age grading guidelines.</p>					
SUPPLEMENTAL PROTOCOLS					
* MC-4999.9-NA FCC Part 15 Electronic products	CPSD-EL-PTCL-04999.9-NA	--	Electronic products shall comply with the requirements of the FCC Part 15 protocol. Acceptable documentation supporting FCC Verification or Declaration of Conformity shall be provided by the submitter.	N/A	/
* California Proposition 65	GRBI-HL-PTCL-06572-US	--	Refer to supplementary protocol of GRBI-HL-PTCL-06572-US.	N/A	/
* Food's requirements	GRBI-98XX-US	--	Test to applicable food supplementary protocol	N/A	/
* CPSIA Requirements	GRBI-GB-PTCL-08444-US	--	All samples shall be reviewed against the requirements of CPSIA Requirements supplemental protocol to determine if additional testing or labeling is required.	M	PASS
LABELING					
One Time Use Products - Fair Packaging and Labeling Act - or all other products - Uniform Packaging and Labeling Regulations	F.P. and L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	--	[UPLR/FPLA] [Packaging and Labeling Evaluation] <ul style="list-style-type: none"> - Shall be labeled with product identification. - Shall be labeled with the manufacturer, packer, or distributor's name and address (city, state and ZIP). - Net quantity of contents shall be on PDP and be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (English and metric units). - Glue and Adhesives sold with the product shall comply with the labeling requirements of 16 CFR 500. "Regulations under section 4 of the Fair Packaging and Labeling Act"	M	PASS



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Parts Labeling	CPSD-HL-01057-MTHD / Visual	-	[Packaging and Labeling Evaluation] Shall match the actual content if present	N/A	/
Accuracy or adequacy of instructions	CPSD-HL-01057-MTHD / Visual	--	[Packaging and Labeling Evaluation] Shall be legible and easy to understand; instructions shall be consistent with sample performance	N/A	/
Country of origin marking	Country of Origin 19 CFR 134.11	--	[Packaging and Labeling Evaluation] Shall be marked with the country of origin when imported into the U.S. in a conspicuous place to indicate to the ultimate purchaser in the U.S., the English name of the country of origin. - All individually packaged items shall contain the country of origin - All items shipped in bulk or displayed in bulk must contain the country of origin	M MADE IN CHINA	PASS
Age Grading	ASTM F963-08, Section 5.2 / Annex A1	--	All products shall be tested according to either the appropriate age grade, as determined by BVCPS, or the labeled age grade if it is more stringent. In the event the sample is not age labeled, BVCPS will determine the appropriate age grade and test accordingly Note: If the Label Age Grade is different from the Appropriate Age Grade, report as FAIL.	M Label Age Grade: / Tested Age Grade: OVER 8 YEARS OF AGE (AS CLIENT'S REQUEST) Appropriate Age Grade: ADULT	PASS
Stuffed toys labeling	Pennsylvania, Ohio, and Massachusetts Stuffed Toy Labeling Law	--	Stuffed toys shall have a tab or label securely affixed which contains: - A statement that "All New Material" was used - Type of material - The assigned state registration number (Pennsylvania at a minimum) - The name and principal place of business (city and state) of the manufacturer or vendor	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
ASTM F963 Labeling	ASTM F963-08, 4-7	--	<p>Shall have special labeling for specific features such as but not limited to:</p> <ul style="list-style-type: none"> - Aquatic Toys - Crib And Playpen Toys - Mobiles - Strollers And Carriages - Toys Intended To Be Assembled By An Adult - Simulated Protective Devices - Toys With Functional Sharp Edges And Sharp Points - Small Objects, Small Balls, Marbles and Balloons - Toy Caps - Art Materials - Electric Toys - Battery-Operated Toys - Battery-Powered Ride On Toys - Toys In Contact With Food - Magnets <p>Packaging, literature accompanying toys, and point-of-sale presentations shall not use words, statements, or graphic material that are inconsistent in any way with the safety labeling instructions for use assembly or age grading of the toy.</p> <p>Information and instructions provided for the safe use or assembly of a toy shall be easy to read and understand by persons of the age level for whom the toy is intended. Shall be in the English language at a minimum.</p> <p>Either a principal component of a toy or the packaging of a toy shall be marked with the name and address of the producer or the distributor.</p>	M	PASS
CSPA warning	Client's requirement	--	CSPA warnings shall not be found on the packaging if not required for the product.	N/A	/
Age grade labeling and CSPA warning	CPSD-HL-01057-MTHD / Visual	-	Sticker on packaging for age grade and CSPA warning labels is not allowed. It shall be part of the actual packaging artwork.	N/A	/
16 CFR 1500.130 Pressurized container labeling	16 CFR 1500.130	--	Self-pressurized containers shall conform to the labeling requirements as defined by 16 CFR 1500.130	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Bedding And Upholstered Furniture Labeling	Association of Bedding and Furniture	--	All filling materials shall have a securely affixed tag or label which contains the following information: -The statement, "UNDER PENALTY OF LAW THIS TAG NOT TO BE REMOVED EXCEPT BY THE CONSUMER" -A description of the filling contents preceded by the statement, "ALL NEW MATERIALS CONSISTING OF" -The assigned state number (i.e. REG. NO. PA.) -The statements, "Certification is made by the manufacturer that the materials in this article are described in accordance with law".	N/A	/
15 CFR 1150 Toy Gun Marking	15 CFR 1150 / ASTM F963-08 Section 4.30	--	Sample shall comply with the requirements as defined in 15 CFR 1150	N/A	/
Labeling review: fiber	16 CFR 300 / 303	--	[16 CFR 303 Textile labeling] Shall have a label securely affixed that contains: - The name and manufacturer or other marketing or registration number - The country of origin - The generic name and percentage of all fibers in the product	N/A	/
LHAMA Evaluation - doc review	ASTM F963-08, Section 4.29 / 16 CFR 1500.14 / ASTM D4236	--	Samples shall meet the requirements intended to minimize the potential risks associated with the use of art materials that present chronic, long-term health hazards (ASTM D4236/LHAMA). In lieu of testing, test report can be submitted if dated within five years.	N/A	/
Labeling review: care	16 CFR 423	--	Shall have a label securely affixed that contains regular care (customary and routine) information.	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Labeling review: care	16 CFR 423	--	<p>[Wearing Apparel - Care Label]</p> <p>For wearing apparel covered by 16 CFR 423: With care label: Conduct laundry test according to the labeled care instruction. Evaluate for general appearance as acceptance criteria. Without care label: Failed for labeling requirement. No softline test will be conducted.</p> <p>For wearing apparel not covered by 16 CFR 423: With care label: Conduct laundry test according to the labeled care instruction. Evaluate for general appearance as acceptance criteria. Without care label: No softline test is required.</p>	N/A	/
* Mercury labeling as applicable to button cell battery powered devices	Various State Laws, including: VT: Title 10, Chapter 159, Sec. 6621d, RI: Title 23, Chapter 23-24.9, CT: Public Act 02-90, NY: Chap 145, Title 21 Ch. 27 2101-2115	-	<p>[If Applicable]</p> <p>(If a button cell is found to have intentionally added mercury, such as by testing at over 5 ppm, RI, CT, NY, and VT require product containing mercury have labeling to indicate the presence of mercury and instructions on how to properly dispose of the product. Requirements vary by state. Registration with IMERC may be required.)</p> <p>Product or packaging for items with button cells found to have intentionally added mercury, that may be distributed to states with Mercury legislation shall be Marked so as to be clearly visible prior to the sale and Product itself shall be marked permanently for the life of the product with the following "Battery Contains Mercury. Do Not Put in Trash. Recycle or Manage as Hazardous Waste." Or equivalent.</p> <p>CT and NY further require that the product with button cell batteries that contain Hg to be replaceable. Product with button cells found to have intentionally added mercury that may be distributed to CT or NY shall have the batteries replaceable, allowing for use of common household tools.</p>	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Chemistry set labeling 16 CFR	16 CFR 1500.83(a)(23)	-	Chemistry sets, science education sets and replacement chemicals for such sets, are exempt from section 2(p)(1) of the Federal Hazardous Substances Act if (i) the immediate container of hazardous chemical bears on its main panel the name, appropriate signal word, and additional statement "Read back (or side) panel before using" and bears on the back (or side) panel the remainder of the appropriate cautionary statement; (ii) the experiment manual or other instruction book or booklet bears the following caution statement within the borders of a rectangle and in the type size specified in 1500.121: WARNING - This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision. (iii) the outer carton bears on the main panel the caution statement specified in (ii).	N/A	/
Labeling of hazardous substances	16 CFR 1500.14(b)(1-5)	-	Substances have a special hazards to health shall have conform labeling requirement as defined by 16 CFR 1500.14(b)(1-5)	N/A	/
California tableware safety programs - ceramic or pewter or enamel metalware	California health and safety code section 108870	--	[Marking] [Dollar Tree Requirement] All tableware items, regardless of extractable Lead & Cadmium test result, distributed in the State of California must be permanently and indelibly marked with the name, or if the item is too small, a registered trademark, of the manufacturer or importer. {See corresponding table G-0104 at the end of this protocol}	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* FDA ingredient list evaluation FDA 21 CFR Cosmetic labeling review	ASTM F963-08, Section 4.3.4 / 21 CFR 73, 74, 81, 82, 700 - 740	--	Cosmetics shall conform to the requirements of the FDCA as codified in 21 CFR 700 through 740 and color additive regulations in 21 CFR 73, 74, 81, and 82. Ingredients, color additives, etc. shall be evaluated in accordance with associated requirements in addition to any required warning labels. (Vendor shall be responsible for the accuracy of information contained) Note: Ingredients must be listed in descending order except for quantities under 1 % and color additives listed at the end.	N/A	/
CAA Ozone Protection - ingredient list review	CAA Title VI	—	Self-pressurized containers shall contain no banned CFC or HCFC propellant as specified in Clean Air Act Title VI - Stratospheric Ozone Protection. (Vendor shall be responsible for providing accurate ingredient list)	N/A	/
* Safety agency listing verification	CPSD-EL-01090-MTHD / Verification procedure	—	Verify Client Acceptable Safety Agency Listing by contacting Listing Agency with the sample's Listing Number, Manufacturer, Model Number, and/or Agency Control Number. Shall be verified.	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
<p>* CARB formaldehyde documentation and label review</p>	<p>Title 17, CA Code of Regulations, Section 93120.7(d) Fabricator Label Requirements CPSP-GB-08616-MTHD</p>	<p>--</p>	<p>A label review is only required if Composite Wood is present in the sample, as stated by the Sample Declaration Form.</p> <p>Vendor must provide a completed and approved Sample Declaration Form if wood is present in the product. Sections A, B and D must always be completed.</p> <p>If Vendor selects B.3.,</p> <ul style="list-style-type: none"> - Section C must be completed. - An acceptable label must be present on the product and/or the outer packaging. - If a label is present, it shall consist of a stamp, tag, or sticker and be in English. A bar code cannot replace the label information. The label shall include: <ul style="list-style-type: none"> - Name of fabricator or responsible party, - Date of production for the finished good. - a statement of compliance which includes identification of the state ("California", "CA", Calif.", "CARB", or equivalent) section code 93120 for Formaldehyde - (If Applicable) Has No Added Formaldehyde based resins (NAF) or Ultra Low Emitting Formaldehyde based resins (ULEF) <p>For finished goods, if a label is NOT present, vendor shall indicate if the raw material was manufactured before September 30, 2009 for HWPW-CC (selection of B.2 on Form).</p>	<p>N/A</p>	<p>/</p>
<p>Liquid toxicity 16 CFR 1500.231 - document review</p>	<p>16 CFR 1500.231</p>	<p>1</p>	<p>[Liquid Screen] [GC scan]</p> <p>To identify the presence of potentially hazardous ingredients, all liquid filled items intended or likely to be used by children shall comply with this requirement. In lieu of testing, test report can be submitted if dated within one year.</p>	<p>N/A</p>	<p>/</p>



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Lenses - impact resistance - documentation review	21 CFR 801.410	--	Shall be fitted with impact-resistant lenses to protect the consumer from potential eye injuries. Lenses shall meet an AQL of 6.5 as specified in 21 CFR 801.410 when subjected to FDA using MIL-STD 105E or FDA approved statistical sampling plan. In lieu of testing, test report can be submitted if dated within one year. It is the vendor's responsibility to assure the manufacturer is registered under the FDA.	N/A	/
Illinois lead warning label	Illinois Lead Poisoning Prevention Act	-	Product shall not contain the following Illinois lead warning label per client's requirement. Refer to the analytical section for details. "WARNING: CONTAINS LEAD. MAY BE HARMFUL IF EATEN OR CHEWED. MAY GENERATE DUST CONTAINING LEAD."	M	PASS
ANALYTICAL					
* ASTM F963 Soluble heavy metals content	ASTM F963-08, section 4.3.5.2 / 8.3	--	Shall not contain compounds of which the metal content of the soluble material exceeds the levels by weight (mg/kg) of the contained solid including pigments, film solids and driers [Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500]	M	PASS
CPSC extractable lead from crayons and art supplies - doc	CPSC Guidance Letter 1	-	Specific art materials shall comply with the requirements as defined by the guidelines of the CPSC of no greater than 0.01% (100ppm) lead. In lieu of testing, test report can be submitted if dated within one year.	N/A	/
Mercury in cosmetics - documentation review	21 CFR 700.13	-	Shall not contain more than 0.0065% of mercury for cosmetics intended for use with the eyes and 0.0001% of mercury for other cosmetics. In lieu of testing, test report can be submitted if dated within one year	N/A	/
* Mercury in batteries US PL	Battery Act Public Law 104-142 / CPSC-AN-00078-MTHD	-	Alkaline-manganese batteries, alkaline-manganese button cell batteries, zinc-carbon batteries, mercuric-oxide button cell batteries shall conform to respective requirements. Actual testing would be conducted on button cell batteries. It is the vendor's responsibility for the conformity to this requirement for other batteries.	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Mercury in Novelty (button) – doc review	State of Connecticut: CGS Chapter 446m State of New York: Laws of 2004, Chapter 145	--	No mercury shall be intentionally added to novelty items except for replaceable button cell. Only button cell would be audited for the compliance. In lieu of testing, guarantee letter can be submitted if dated within one year. For other components, it is the vendor's responsibility for the compliance of the regulation.	N/A	/
* FDA FSSE 21 CFR 175-177 - document review	21 CFR 170.39 / ASTM E1086-94 Metal composition / Substances Generally Recognized as Safe (GRAS)	—	All metal components of cups, mugs or other food contact articles shall be constructed of an FDA recognized grade of stainless steel. Stainless Steel Grades: 302, 304, 304F, 316, 321, 410, 416, 420 (cutlery only), 440, 440A, 440C, 904L, A-36 and CF-1018. For any other grade of stainless steel or other metal, vendor need to provide the list of compositions or will have the material evaluated which shall be submitted to the FDA for review and approval for use in food contact articles. (Vendor shall be responsible for the accuracy of information provided)	N/A	/
* FDA Extractable lead & cadmium	ASTM F963-08 section 4.3.3.2 / FDCA section 402	--	[Ceramic interior] Toys made of ceramic intended or likely to hold food shall conform to the applicable requirements of the FDCA, Section 402 (a)(2)(c) and FDA Compliance Policy Guides	N/A	/
* CA Health & Safety 25249.5 (lead/cad)- 12 pcs CA Health & Safety Code 108860	CA Health & Safety Code, section 108860 / section 25249.5	--	[Lead and cadmium] Toys made of ceramic intended or likely to hold food shall conform to the applicable requirements of the state of California.	N/A	/
* Extractable Pb & Cd (lip & rim) SGCD	ASTM C927-80 (R2004) / CPSD-AN-00011-MTHD	--	Exterior decorations applied within 20 mm of the rim of cups, mugs, glasses or other vessels shall conform to the applicable requirements as defined by the standards	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Heavy metals in packaging	Model Toxics in Packaging Legislation of Toxics in Packaging Clearinghouse / CPSD-AN-00065-MTHD	—	The sum of lead, cadmium, hexavalent chromium and mercury shall not exceed 100ppm in packaging materials. Note: 1. In lieu of testing, test report can be submitted if dated within one year. 2. Max composite up to 3 like materials. 3. Composite across styles is acceptable.	M	PASS
16 CFR 1500.3 Toxicological risk assessment- doc review	16 CFR 1500.3	--	Products intended for use by children, including toys and parts of toys, must not be toxic (acute), a skin irritant, eye irritant, corrosive, or a strong sensitizer. Products that are not intended for use by children must be labeled appropriately if a toxicological hazard is present. Toxicological Risk Assessment shall be conducted to substantiate the compliance of the regulation for the following components: - All toy cosmetics, liquids, pastes, putties, gels and powders regardless of claim - Other materials bearing a "NON-TOXIC" claim on samples and/or its packaging In lieu of testing, test report can be submitted if dated within five years.	N/A	/
* Combustible liquids	16 CFR 1500.3 (c)(6)(iii) / 16 CFR 1500.43(a)	--	[Liquid Screen] Method of test for flashpoint of potentially volatile combustible materials (150 degrees F / 65.6 degrees C). All liquid filled items intended or likely to be used by children shall comply with this requirement.	N/A	/
* ASTM F963 DEHP Content	ASTM F963-08 section 4.3.8	--	Pacifiers, rattles, and teethers shall not intentionally contain Di (2-ethylhexyl) phthalate. Shall not contain more than 3% of total solid.	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
Mercury in novelty	CPSD-AN-00078-MTHD	--	[Button cell] For replaceable (can be replaced with a common household tool without destroying the sample) button cell that contains intentionally added mercury, the product or packaging shall contain a label stating that the battery contains mercury and that they shall be recycled or disposed properly. "Battery Contains Mercury. Do Not Put in Trash. Recycle or Manage as Hazardous Waste." or equivalent.	N/A	/
ASTM F963-08 Nitrosamines in rubber pacifiers - doc	ASTM F963-08 section 4.20.1 / ASTM F1313	--	Rubber nipples on pacifiers, when sampled to ASTM F1313, shall not contain more than 10 parts per billion (ppb) of any one nitrosamine per three aliquots of sample nor exceed 20 ppb total nitrosamines. In lieu of testing, test report can be submitted if dated within one year.	N/A	/
21 CFR 175-177, 181 Solvent Extractive - doc	ASTM F963-08, Section 4.3.3 / 21 CFR 170 - 189	--	[Toy] Product intended to be used in contact with food shall conform to the applicable requirements of the Food, Drug, and Cosmetic Act (FDCA), specifically 21 CFR 170 through 189. In lieu of testing, test report can be submitted if dated within two years. For food contact items containing PVC, PETG, Styrene Block Polymers, Polyester Elastomers or ABS (Acrylonitrile>30%), it is acceptable for the vendor to submit either a test report or a letter of compliance (dated within two years) indicating the only food grade materials were used in the manufacturing process.	N/A	/
* ASTM F963 Total plate count and total coliform	ASTM F963-08, Section 4.3.6.1	--	Pure water used in filling of toys shall meet the requirements of < / = 100 CFU/ml of total plate count and < / = 1 CFU/100ml of total Coliform.	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
USP 61 Microbial limit test - doc review	ASTM F963-08, Section 4.3.6.3 / 8.4.1 / USP <61>	--	Cosmetics, Liquids, Pastes, Putties, Gels and Powders used in toys (excluding art materials) shall not be contaminated with Salmonella, E. Coli, Pseudomonas aeruginosa, or Staphylococcus aureus and be subject to requirements of < 5,000 CFU/ml (< 500 CFU/ml for cosmetics intended for use with the eyes and baby products) for total viable count (total plate count + yeast & mold count) as intended to minimize risk associated with lack of cleanliness, shelf life and contamination. In lieu of testing, test report can be submitted if dated within one year. In addition, this requirement would also be applied to silly putter, playdough and modeling clay per client's request.	N/A	/
USP 51 Preservative effectiveness - doc review	ASTM F963-08, Section 4.3.6.3 / 8.4.2 / USP <51>	--	Formulations used to prevent microbial degradation in Cosmetics, Liquids, Pastes, Putties, Gels and Powders used in toys (excluding art materials) shall be tested for microbial control and preservative effectiveness. Per client's request, this requirement would be applied to cosmetic only. In lieu of testing, test report can be submitted if dated within one year.	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Illinois lead content in surface coatings	Illinois Lead Poisoning Prevention Act / AOAC 974.02 modified / CPSD-AN-00001-MTHD	--	<p>All accessible surface coatings of jewelry for children under 12 years of age, child care articles for children under 6 years of age, and toys with paint for children under 12 years of age, in the as received state, shall contain less than 0.004% (40ppm) lead or lead components in which the lead content is the weight of the total content. As a client requirement, the warning label is not allowed.</p> <p>In case of insufficient material for testing found on the number of samples specified in the protocol, vendor needs to provide additional samples for testing. The vendor is responsible for compliance of inaccessible materials and materials on all other products outside of the above scope.</p> <p>Report actual results or include data table within report. Component testing is not allowed since compliance to the CPSIA is also required. Compositing is not allowed.</p> <p>Until January 1, 2010, this is a client requirement.</p>	M	PASS
HAZARDS					
ASTM F963-08 Mechanical hazards	ASTM F963-08, Section 4	--	<p>Shall meet the requirements specified in the standard. {See corresponding table T-0002 at the end of this protocol}</p>	M	PASS
16 CFR 1510 Rattles	16 CFR 1510 / ASTM F963-08 Section 4.23	--	Rattles shall meet the safety requirements as specified in 16 CFR 1510	N/A	/
* 16 CFR 1511 Pacifiers	ASTM F963-08, Section 4.20 / 16 CFR 1511	--	Samples shall meet the safety requirements as specified in 16 CFR 1511 if nipple length longer than 0.63 inch	N/A	/
Mechanical hazards - dive stick	16 CFR 1500	--	Samples shall meet the safety requirements as specified in 16 CFR 1500	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
NY restriction of sale of Yo-Yo waterball	Section 399 General Business Law / A472	--	No person, firm, corporation, or association shall import, manufacture, sell, offer to sell, or distribute a Yo-Yo waterball toys. "Yo-Yo waterball toy" means a yo-yo waterball, water yo-yo, or any similar toy made of rubber or rubberlike material consisting of a ball that is filled with a liquid and attached to an elastic cord with a finger loop at the end.	N/A	/
* US Drawstring requirements	Visual / Actual Measurement CPSC Guideline, ASTM F1816, New York State Law 391.b and Amendment Wisconsin State Law ATCP 139	—	[Size 0-16] Hood and Neck Area Hood and neck drawstrings are not allowed at all on any children's clothing (outerwear and non-outerwear). No toggles, knots or attachment at the free ends. Waist and Bottom Area On Upper Garments (tops, jackets, dresses) May not exceed 3 inches (75mm) in length on each side outside the drawstring channel when garment is expanded to its fullest width. Drawstrings must be bartacked at center back so string cannot be pulled out. No toggles, knots or attachment at the free ends. Must be finished at both ends.	N/A	/
* ASTM F963-08 B/O ride on toys	ASTM F963-08 section 4.25.10	--	[Client's Requirement] Samples shall meet the requirements intended to minimize the risk or injury associated with battery leakage, overheating, explosion, fire and choking. Shall also include associated instructional literature. Testing shall be carried out twice with two different brands of batteries. (Energizer and Duracell)	N/A	/
* ASTM F963-08 Battery Operated Toys	ASTM F963-08 section 4.25.1 to 4.25.9	--	Samples shall meet the requirements intended to minimize the risk or injury associated with battery leakage, overheating, explosion, fire and choking. Shall also include associated instructional literature. Testing shall be carried out twice with two different brands of batteries. (Energizer and Duracell)	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* 16 CFR 1505 Electrically operated toys	ASTM F963-08 Section 4.4 / 16 CFR 1505	--	Toys operating from nominal 120-V branch circuits shall conform to the requirements of 16 CFR 1505 [For electrically operated product]	N/A	/
* UL Testing	UL Standard	--	Item will be audited to verify compliance with the selected sections of the applicable and/or labeled UL standard.	N/A	/
* 16 CFR 1507 Pyrotechnic Composition	16 CFR 1507.11	--	Party poppers (also known as champagne party poppers and party surprise poppers) and Christmas crackers shall contain no more than 0.25 grains (16.2 mg) of pyrotechnic material.	N/A	/
PA stuffed toy law (47.317) tolerance - documentation review	ASTM F963-08 section 4.3.7	-	Loose fillers shall be visually evaluated for objectionable matter and labels shall be evaluated accordingly. Shall meet the requirements of the "Tolerances of the Commonwealth of Pennsylvania Regulation for Stuffed Toys". In lieu of testing, test report can be submitted if dated within one year. Note: If no documentation is provided, testing shall be performed for confirmation to compliance.	N/A	/
* PA Stuffed Toy Law (47.317) Tolerance	ASTM F963-08 Section 4.3.7	-	Shall meet the requirements of the "Tolerances of the Commonwealth of Pennsylvania Regulation for Stuffed Toys". Note: If documentation is provided, no need to conduct actual testing.	N/A	/
FLAMMABILITY					
16 CFR 1500.44 Flammability	ASTM F963-08, Section 4.2 / 16 CFR 1500.44 Annex A4	--	[Solids] Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second	M	PASS
Flammability of self-pressurized containers	16 CFR 1500.3 (c)(6)(viii) / 16 CFR 1500.45	--	Self-pressurized container shall meet the flammability requirements of 16 CFR 1500.3(c)(6)(viii).	N/A	/
* 16 CFR 1610 Flammability	ASTM F963-08, Section 4.2 Annex A5 / 16 CFR 1610	--	[Clothing textiles] Textile fabrics used in toys should comply with 16 CFR 1610 as applicable	N/A	/
* 16 CFR 1610 Flammability	16 CFR 1610	--	[Costume] Costumes should comply with 16 CFR 1610 as applicable	N/A	/



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Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Flammability of vinyl plastic film	16 CFR 1611	--	Textile fabrics used in toys should comply with 16 CFR 1611 as applicable	N/A	/
CPAI-75 Flammability (sleeping bags) - doc review	CPAI-75	--	Materials shall comply with the requirements as defined. In lieu of testing, test report can be submitted if dated within one year.	N/A	/
Camping tentage material flammability	CPAI-84	--	[doc] Materials shall comply with the requirements as defined. In lieu of testing, test report can be submitted if dated within one year.	N/A	/
PERFORMANCE					
ANSI Z80.3 Luminous transmittance - documentation review	ANSI Z80.3	--	Shall comply with luminous transmittance properties and traffic signal recognition requirements for non-prescription sunglasses and fashion eyewear as specified based on intended primary function: general purpose, cosmetic use, and special purpose (skiing, climbing, beach, etc). In lieu of testing, test report can be submitted to substantiate UVA/UVB protection claim if dated within one year.	N/A	/
* AATCC 20A Quantitative	16 CFR 303	--	Shall be tested to substantiate fiber content. Shall not exceed a deviation of + / - 3% from the label as allowed for blends and no deviation for items labeled 100% of a fiber.	N/A	/

IMPORTANT NOTE: The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.

Key:

- * Additional Charge For This Test
- ** Mandatory Requirement
- # By Request Only

Result Key:

- C Claimed
- R Recorded
- M Meets
- NM Does Not Meet
- NA Not Applicable



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NT Not Tested

Rating Key:

PASS Pass
 FAIL Fail
 CAR Corrective
 Action Required

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Image Appendix

T-002 Abuse
 Test
 Conditions w
 Age.jpg

Testing Parameter	Age (Months)	Abuse Test Conditions
Drop Test	0 to ≤18	4.5 ft. (1.37 m) 10 drops
	>18 to ≤36	3 ft. (0.91 m) 4 drops
	>36 to ∞	3 ft. (0.91 m) 4 drops
Torque Test	0 to ≤18	2 in - lb. (0.23 N - m)
	>18 to ≤36	3 in - lb. (0.34 N - m)
	>36 to ∞	4 in - lb. (0.45 N - m)
Tension Test	0 to ≤18	10 lb. (44.5 N)
	>18 to ≤36	15 lb. (66.8 N)
	>36 to ∞	15 lb. (66.8 N)
Compression Test	0 to ≤18	20 lb. (89 N)
	>18 to ≤36	25 lb. (111.3 N)
	>36 to ∞	30 lb. (133.5 N)



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<p>G-0104 Trademark of the manufacturer or importer.bmp</p>		
---	---	---

No. Of Samples Required for Complete Testing	-
No. Of (Fully Packed) Cartons For Transit Testing:	-
No. Of Working Days For Complete Testing:	5

Toys and Hardgoods (case by case for assortments)
12
Electric/Battery Operated (per style)
Electric (per style with adapter/transformer)
Dinnerware, Mugs, Pitchers, etc (decorated lip/rim)
12 (18)
Product contain Fiber Content 1 additional
Product contain Care Label Minimum additional 2
pcs and 1 additional pc for each care instruction

Sample Size And TAT Subject To Change Based
On Product Requirements

Client Approval: MARCH 19, 2010 /
Debbie Smith
Creation Date: MAY 05, 2004
Last Revision Date: APRIL 08, 2010
Pricing Review Date: AUGUST 18, 2009

Technical Review Date: OCTOBER 08, 2009



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**GREENBRIER INTERNATIONAL INC TEST PROTOCOL FOR
GRBI - 08444 - US
CPSIA REQUIREMENTS SUPPLEMENT (V4)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
LABELING					
* Tracking labels for children's products	Consumer Product Safety Improvement Act of 2008	--	<p>A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product.</p> <p>Verified the Presence and verified the format accuracy. If internal coding is used, de-code system shall also be submitted for verification (refer to GRBI-GB-SUPP-TRACKING LABEL CODE & PROCEDURE).</p> <p>Note: Internal coding for manufacturer or private labeler on the tracking label is not accepted.</p>	M	PASS
ANALYTICAL					
* Total lead content in surface coatings	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1303 / AOAC 974.02 (modified) / CPSD-AN-00001-MTHD / CPSC-CH-E1003-09	--	<p>All accessible surface coatings in the assembled state on adult furniture [exempt factory applied coatings on metal components/parts] and household paint shall not contain lead or lead components in which the lead content is in exceed of 0.009% (90ppm) of the weight of the total content.</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional samples, dipped parts or components/parts for testing.</p> <p>Report actual results or include data table within report Issue a program audit report Component testing is allowed Based on CPSC SOP, will composite up to 3 colors. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed.</p>	N/A	/



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CPSIA REQUIREMENTS SUPPLEMENT (V4)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* Total lead content in surface coatings	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1303 / AOAC 974.02 (modified) / CPSD-AN-00001-MTHD / CPSC-CH-E1003-09	-	<p>All accessible surface coatings, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content.</p> <p>In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional samples for testing.</p> <p>Report actual results or include data table within report. Issue a third party test report. Component testing is not allowed. Compositing is not allowed</p>	M	PASS
* Total lead content in substrate materials	Consumer Product Safety Improvement Act of 2008 / EPA 3050B (modified) / EPA 3051 (modified) / CPSD-AN-00185, 00196-MTHD, / CPSC-CH-E1001-08 / CPSC-CH-E1002-08	1	<p>All accessible substrates, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead in excess of 0.03% (300ppm) of the weight of the total content.</p> <p>Note: The lead limit will be reduced, if technologically feasible, to 0.01% (100ppm) on Aug. 14, 2011.</p> <p>Note: The materials listed in the Lead content in substrate exemption list below will be exempted from testing; it is the vendors responsibility to ensure compliance to the applicable requirements.</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing.</p> <p>Report actual results or include data table within report. Issue a program audit report (until February 2010). Component testing is allowed. Compositing is not allowed</p>	M	PASS



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CPSIA REQUIREMENTS SUPPLEMENT (V4)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
<p>* CPSIA Total lead in children's metal jewelry</p>	<p>Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1001-08 / CPSD-AN-00185-MTHD</p>	<p align="center">1</p>	<p>Any accessible metal component of items intended for children ages 12 and under shall not contain lead in excess of 0.03% (300ppm) of the weight of the total content.</p> <p>Note: The lead limit will be reduced, if technologically feasible, to 0.01% (100ppm) on Aug. 14, 2011.</p> <p>Components composed of surgical steel, stainless steel within UNS S13800 - S66286, excluding 303Pb (UNS S30360); gold (at least 10 karat), sterling silver (at least 925/1000), platinum, palladium, rhodium, osmium, iridium, ruthenium, and titanium are exempt. Any non-precious metal components such as solder, base metal in electroplate and fill are not included in these exemptions and must comply.</p> <p>Report actual results or include data table within report</p> <p>Issue a third party test report Compositing is not allowed Component testing is not allowed Documentation of component testing is not allowed</p>	<p align="center">N/A</p>	<p align="center">/</p>



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CPSIA REQUIREMENTS SUPPLEMENT (V4)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
* BBP / DBP / DEHP content DNOP / DINP / DIDP content	Consumer Product Safety Improvement Act of 2008 / CPSC-CH-1001-09.2 modified / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	1	<p>Actual testing would be conducted on the all accessible plastics materials, plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers), toy nail polish, reusable packaging, electrical plug or cables and inaccessible plastic sheath of electrical wires</p> <p>Vendor shall be responsible for the compliance of all other accessible materials and inaccessible materials.</p> <p>Children's toys, childcare articles, and inflatable children's products shall not contain concentrations of more than 0.1% BBP, DBP or DEHP.</p> <p>Children's toys that can be placed in the mouth or childcare articles shall not contain concentrations of more than 0.1% DINP, DIDP or DnOP.</p> <p>Modification = expand scope to include inflatable children's products</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing.</p> <p>Report actual results or include data table within report. Issue a program audit report (until February 2010). Component testing is allowed. Compositing is not allowed.</p>	M	PASS

IMPORTANT NOTE: The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.



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Lead content in substrate exemption list

- a. Accessible electronics:
 - Lead blended into the glass of cathode ray tubes, electronic components and fluorescent tubes
 - Lead used as an alloying element in steel. (Max. amount of lead < 0.35% by weight)
 - Lead used in the manufacture of aluminium. (Max. amount of lead < 0.4% by weight)
 - Lead used in copper-based alloys. (Max. amount of lead < 4% by weight)
 - Lead used in lead-bronze bearing shells and bushings
 - Lead used in compliant pin connector systems
 - Lead used in optical and filter glass
 - Lead oxide in plasma display panels (PDP) and surface conduction electron emitter displays (SED) used in structural elements; notably in the front and rear glass dielectric layer, the bus electrode, the black stripe, the address electrode, the barrier ribs, the seal frit and frit ring as well as in print pastes.
 - Lead oxide in the glass envelope of Black Light Blue (BLB) lamps
- b. Spare parts or other removable components (such as battery packs and light bulbs) shall be considered inaccessible provided that lead containing component is inaccessible when the product is assembled in functional form or in the criteria for exemption.
- c. Precious gemstones: diamond, ruby, sapphire, emerald
- d. Certain semiprecious gemstones provided that the mineral or material is not based on lead or lead compounds, this does not include materials such as, aragonite, bayldonite, bolcdite, cerussite, crocoite, galena, limarite, mimetite, phosgenite, vanadinite and wulfenite as these are known to contain lead.
- e. Natural or cultured pearls
- f. Wood
- g. Paper and similar materials made from wood or other cellulosic fiber
- h. Printing inks that use the CMYK process (excluding spot colors, other inks that are not used in CMYK process, inks that do not become part of the substrate under 16 CFR part 1303, and inks used in after-treatment applications, including screen prints, transfers, decals, or other prints)
- i. Textiles (natural and manufactured, dyed and undyed) excluding after-treatments applications
- j. Other plant-derived and animal-derived materials, including animal glue, bees wax, seeds, nut shells, flowers, bones, sea shells, Coral, amber, feathers, fur, and leather
- k. Certain metals and alloys that contain no lead or lead-containing metals intentionally added like surgical steel; stainless steel within UNS S13800 – S66286, excluding 303Pb (UNS S30360); and precious metals like gold, sterling silver, platinum, palladium, rhodium, osmium, iridium, ruthenium, titanium. It does not extend to the non-steel or non-precious metal components of a product such as solder or base materials in electroplate, clad or fill applications.
- l. Until July 1, 2011, a SOE shall apply to the following parts of bicycles, jogger strollers, and bicycle trailers:
 - components made with metal alloys, including
 - steel containing up to 0.35% lead,
 - aluminium with up to 0.4 % lead,
 - Copper with up to 4.0 % lead

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Definitions:

1. "Children's toy" means a consumer product designed or intended by the manufacturer for a child 12 years of age or younger for use by the child when the child plays per CPSC Draft Guidance of CPSIA section 108 refer to the use of ASTM F963.
2. "Child care article" means a consumer product designed or intended by the manufacturer to facilitate sleep, or the feeding of a child 3 years of age or younger or to help such children with sucking or teething. Products used directly in the mouth by the child are primary products and are subject to the regulation. Products that have direct contact with the child, but may or may not have direct mouth contact, would also be considered primary products. Products that are not necessarily in direct physical contact with the child, but are in close proximity to the child may or may not be subject to the regulation per CPSC Draft Guidance of CPSIA section 108. Products that are used by the parent, but have no contact with the child, are considered secondary products and would not be subject to the regulation per CPSC Draft Guidance of CPSIA section 108. Products that are used by the parent, but have no contact with the child, are considered secondary products and would not be subject to the regulation per CPSC Draft Guidance of CPSIA section 108.
3. "Can be placed in a child's mouth" means if any part of the toy can actually be brought to the mouth and kept in the mouth by a child so that it can be sucked or chewed. If the product can only be licked, it is not regarded as able to be placed in the mouth. If a toy or part of a toy in one dimension is smaller than 5 centimeters, it can be placed in the mouth. Per CPSC Draft Guidance, pool toys and beach balls, or articles such as these must be considered in the deflated state. Some general purpose balls that are permanently inflated by the manufacturer and cannot be re-inflated by the consumer may be considered in the inflated (normal) state.

Key:

- * Additional Charge For This Test
- ** Mandatory Requirement
- # By Request Only

Result Key:

- C Claimed
- R Recorded
- M Meets
- NM Does Not Meet
- NA Not Applicable
- NT Not Tested

Rating Key:

- PASS Pass
- FAIL Fail
- CAR Corrective
Action
Required



**BUREAU
VERITAS**

No. Of Samples Required for Complete Testing	6
No. Of (Fully Packed) Cartons For Transit Testing:	-
No. Of Working Days For Complete Testing:	7

BV Lab Number:

(6610)106-0181

Test Date:

APR.27, 2010

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Client Approval:

APRIL 02, 2010 /
Debbie Smith

Creation Date:

Last Revision Date:

MARCH 31, 2010

Pricing Review Date:

Technical Review Date: