



DOLLAR GENERAL Test Report

LAB LOCATION: SHANGHAI
REPORT NUMBER: 64316-090200

ISSUE DATE: September 27, 2016
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Applicant : Ningbo Johnshen Stationery Co., Ltd
No. 119, Dingxiang Road, Jiangdong Zone, Ningbo, China

Contact Person : Daisy

Sample Description : GLUE STICK 3 PK

Style Number : 01028601

PO Number : 10RR23

SKU Number : 01028601

Department Number : 140

Factory Name : Ningbo Senior Stationery Co., Ltd

Country of Origin : CHINA

Date of Submission : September 21, 2016

Test Performance Dates : September 21, 2016 - September 27, 2016

Testing Phase : Verification Test

Test Protocol Number : TY-001-US; ST-160-US

Label Age Grade : 3+

Appropriate Age Grade : [Children's Products] Over 3 years of age

Tested Age Grade : [Children's Products] Over 3 years of age

Overall Rating : **PASS**

Photo of Submitted Sample



For and on behalf of
Modern Testing Services Co., Ltd.

Gao Jian, David
Assistant Manager, Toy Division

Modern Testing Services Co., Ltd.

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TEST RESULT SUMMARY

Test Requested	Results
Federal Hazardous Substances Act Regulations, 16 CFR 1500 Mechanical Hazards	PASS
Federal Hazardous Substances Act Regulations, 16 CFR 1500.3 (c)(6)(vi) Flammable Solid	PASS
Total Lead Content – U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 101	PASS
Labeling of Hazardous Art Materials Act – 16 CFR 1500.14(b)(8) – Document Review	PASS
Toxicological Risk Assessment – 16 CFR 1500.3(b)(5) and 16 CFR 1500.3(b)(8) – Document Review	PASS
Labeling and Construction Qualities requirement – Client's protocol	PASS

COMPONENT BREAKDOWN LIST:

Test Item	Component Description	Accessibility (Remark 1)	Classification
A1	Multicolor coating (sticker)	Accessible as received	Paint or similar surface coating
A2	White paper with adhesive backing (sticker without coating)	Accessible as received	Accessible substrate
A3	Red plastic (cap)	Accessible as received	Accessible substrate
A4	White plastic (body)	Accessible as received	Accessible substrate
A5	Black plastic (glue holder)	Accessible as received	Accessible substrate
A6	Red plastic (end plug)	Accessible as received	Accessible substrate
A7	Purple plastic (cap)	Accessible as received	Accessible substrate
A8	Purple plastic (end plug)	Accessible as received	Accessible substrate
A9	White glue	Accessible as received	Accessible substrate
A10	Purple glue	Accessible as received	Accessible substrate

Remark:

- 1) The accessibility of the submitted sample after use and abuse is verified according to 16 CFR 1500.87 (e) to (h).

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TEST RESULT:

Total Lead Content – U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 101

Test Item	Accessibility (Remark 1)	Classification	Total Lead (Pb) (ppm)		Conclusion
			Result	Limit (Remark 2)	
A1	Accessible as received	Paint or similar surface coating	<10	90	PASS
A2	Accessible as received	Accessible substrate	<10	100	PASS
A3+A4+A5	Accessible as received	Accessible substrate	<10	100	PASS
A6+A7+A8	Accessible as received	Accessible substrate	<10	100	PASS
A9+A10	Accessible as received	Accessible substrate	<10	100	PASS

Method:

- 1) Lead in paint and other similar surface coatings: The test is conducted according to CPSC-CH-E1003-09
- 2) Lead in metals: The test is conducted according to CPSC-CH-E1001-08
- 3) Lead in other non-metal materials including plastics, glass and leather material: The test is conducted according to CPSC-CH-E1002-08

Remark:

- 1) The accessibility of the submitted sample after use and abuse is verified according to 16 CFR 1500.87 (e) to (h).
- 2) Test is performed on the specified item(s) that is / are excluded from the material listed under 16 CFR 1500.91 (d) as per client's declaration.

Note: ppm = part per million = mg/kg (milligram per kilogram)
“<” = less than

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Labeling of Hazardous Art Materials Act – 16 CFR 1500.14(b)(8) – Document Review

The below of test parameter, documentation has been provided which indicates compliance with the specified requirements.

Test Parameter	Test Item(s)	Document Provided
Labeling of Hazardous Art Materials Act – 16 CFR 1500.14(b)(8)	Glue stick	MTS Report 64413-06014, Dated on Dec 20, 2013

Remark: Testing is not performed on the above listed test item(s). Acceptable documentation is required to verify the compliance with specified test standard.

Toxicological Risk Assessment – 16 CFR 1500.3(b)(5) and 16 CFR 1500.3(b)(8) – Document Review

The below of test parameter, documentation has been provided which indicates compliance with the specified requirements.

Test Parameter	Test Item(s)	Document Provided
Toxicological Risk Assessment – 16 CFR 1500.3(b)(5) and 16 CFR 1500.3(b)(8)	Glue stick	MTS Report 64413-06015, Dated on Dec 20, 2013

Remark: Testing is not performed on the above listed test item(s). Acceptable documentation is required to verify the compliance with specified test standard.

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Labeling and Construction Qualities requirement – Client's protocol

TY-001-US

Evaluation	Citation/Method	Criteria	Result
Determination of Children's Product and Age Grading	ASTM F963, Section 5.2 Annex A1 / CPSC Age Grade Determination guideline / 16 CFR 1200	<p>Product category should be determined according to national guidelines and industrial standards. The major categories are (1) Toys, (2) Children's Product, (3) Child-care articles, and (4) General Use Products</p> <p>All products shall be tested according to either the appropriate age grade, as determined by MTS or the labeled age grade if it is more stringent. In the event the sample is not age labeled, MTS will determine the appropriate age grade and test accordingly.</p> <p>Label Age Grade: 3+ Appropriate Age Grade: Over 3 years of age Tested Age Grade: Over 3 years of age</p> <p>[For products except apparel and footwear] - Age grade labeling is required on the packaging of all toys and children's products, unless (1) the appropriate age grade for the product is all ages (0+), <u>or</u> (2) the product has been tested to and meets the requirements applicable to toys/children's products for all ages. - The packaging and product shall not contain any statement contradicts the appropriate age grade. For example, "This is not a toy.", "Do not give it to children.", "For Adult Use Only."</p> <p>Remark: - Presence of Age Warning fulfills the age grade labeling requirement. For example, "Not for children under 3 yrs." - During Pre-Production Review, report(s) could be submitted to show the item meets all ages requirements - During Certification/ Verification Test, perform all ages (0+) tests on an extra sample to check whether it meets all ages requirements.</p> <p>[Effective Date 1st Nov 2013]</p>	P

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Evaluation	Citation/Method	Criteria	Result
Labeling of art materials	16 CFR 1500.14(b)(8) Art materials / ASTM D4236-94(2011) Standard Practice for Labeling Art Materials for Chronic Health Hazards	Shall conform to the labeling requirement as defined by 16 CFR 1500.14 / ASTM D4236. The labeling requirements are evaluated according to the recommendations of the LHAMA document provided by the client.	P
Tracking label for children's products	Consumer Product Safety Improvement Act, Section 103. Tracking Labels for Children's Products	Any children's product shall place permanent, distinguishing marks on the product and it's packaging, to the extent practicable, that will enable – (A) the manufacturer to ascertain the location and date of production of the product, cohort information (including the batch, run number, or other identifying characteristics), and any other information determined by the manufacturer to facilitate ascertaining the specific source of the product by reference to those marks (B) the ultimate purchaser to ascertain the manufacturer or private labeler, location and date of production of the product, and cohort information (including the batch, run number, or other identifying characteristics). Dollar General Tracking label requirement: • Only evaluate the present of the tracking label. • Report tracking code on product and packaging. Dollar General Tracking Code Format: (1) For items of Dept 300 - 350, should be 11 digits. 1st - 8th is SKU; 9th is month code; 10th - 11th is year code. Month Code and Year Code follow Shipdate. Month Code is A = January, B = February, C = March, and so on. Year Code is 15 = Year 2015, 16 = Year 2016, 17 = Year 2017, and so on. (2) For items not Dept 300 - 350, either below format depends on PO. a) PO begin with "IN", should be 7 digits. 1st - 4th is character of PO after "IN"; 5th is a letter; 6th - 7th is 2 number b) PO not begin with "IN", should be "DG" + Tracking Code from system	P On product: DG10RR23002 On packaging: DG10RR23002
Sharp points	16 CFR 1500.48 / 16 CFR 1500.50-53	Products intended for children under 8 years of age shall have no accessible, potentially hazardous sharp points before or after abuse tests. - 4 Mechanical test required	P

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Evaluation	Citation/Method	Criteria	Result
Sharp edges	16 CFR 1500.49 / 16 CFR 1500.50-53	Products intended for children under 8 years of age shall have no accessible, potentially hazardous sharp edges before or after abuse tests. - 4 Mechanical test required	P
Flammability of solid	ASTM F963-11, Section 4.2 / 16 CFR 1500.44 / 16 CFR 1500.3(c)(6)(vi)	Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second.	P
CPSIA Total lead content in surface coating	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1303 / ASTM F963-11 clause 4.3.5.1 / ASTM F2853-10 / AOAC 974.02(mod) / CPSC-CH-E1003-09	All accessible surface coatings, before and after use and abuse testing, on the items for children ages 12 and under shall not contain lead in excess of 0.009% (90ppm) of the weight of the total content of paint or surface coating. Note: In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional samples or sprayed samples (paint applied to larger area of sample) to provide sufficient coating for testing. XRF is allowed for Children's Products ONLY As per client specified, wet paint testing is not allowed. Report actual results or include data table within report Issue a third party test report. Composite testing is not allowed for XRF test method. If the result exceeds the reporting limit (25ppm), wet chem. confirmation test will be performed. Composite testing is allowed up to 3 similar materials for wet chem. test method. If composite result exceeds the adjusted limit (regulatory limit divided by the number of composites), individual materials will be analyzed.	P

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Evaluation	Citation/Method	Criteria	Result
CPSIA Total lead content in substrate material	Consumer Product Safety Improvement Act of 2008 / ASTM F963-11 clause 4.3.5.2 (2) (a) / EPA 3050B(mod) / EPA 3051(mod) / EPA 3052(mod) / CPSC-CH-E1001-08 / CPSC-CH-E1002-08 / 16 CFR 1500.91	<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 0.01% (100ppm) of the weight of the total content.</p> <p>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. Vendor should provide accurate BOM or information to grant the exemption from testing</p> <p>Report actual results or include data table within report</p> <p>Composite testing is allowed up to 3 similar materials. If composite result exceeds the adjusted limit (regulatory limit divided by the number of composites), individual materials will be analyzed.</p>	P
LHAMA Evaluation	ASTM F963-11, Section 4.29 / 16 CFR 1500.14(b)(8) / 16 CFR 1500.85(a)(4) ASTM D-4236	<p>Samples shall meet the requirements intended to minimize the potential risk associated with the use of art materials that present chronic, long-term health hazards (ASTM D4236/LHAMA).</p> <p>[Document Review] In lieu of testing, test report can be submitted if dated within five years.</p>	P
16 CFR 1500 Toxicity & irritancy claim	ASTM F963-11, Section 4.3.1 / 16 CFR 1500.3(c)	<p>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:</p> <ul style="list-style-type: none">- 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 <p>[Document Review] In lieu of testing, test report can be submitted if dated within five years.</p>	P

Note: P = Pass F = Fail NA = Not applicable NR = Not Requested

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ST-160-US

Evaluation	Citation/Method	Criteria	RESULT
LHAMA evaluation in art materials	16 CFR 1500.14(b)(8) / ASTM D4236-94 (R 2011)	Shall contain all required information such as, signal words, list of potentially chronic hazards, name of chronically hazardous component, safe handling instructions and information sources, and conform to the label requirements as defined by 16 CFR 1500.14 / ASTM D4236.	P
* LHAMA evaluation in art materials - document review	16 CFR 1500.14(b)(8) / ASTM D4236-94 (R 2011)	Art materials shall be evaluated for the potential for producing chronic health hazards. Toxicity Risk Assessment shall be conducted. If chronic health hazard(s) is/are present, refer to labeling section for details. In lieu of testing, test report can be submitted if dated within five years.	P

Note: P = Pass F = Fail NA = Not applicable NR = Not Requested

Location of Tracking Label

Tracking label on packaging	Tracking label on product

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Packaging Details



****End of Test Report****

NOTE:

If there is question or concern regarding the above results, please contact us via email iyang@mts-global.com

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