

Test Report

No. SHAHG1826962701

Date: Dec. 24, 2018

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SHENZHEN SOMAGI STATIONERY CO., LIMITED.

4F, NO.6 BUILDING, LIANHUA INDUSTRIAL PARK, YINGTAI INDUSTRIAL CENTER, DALANG, LONGHUA, CHINA.

The following sample was submitted and identified by the client as ACRYLIC PAINT INK (1 formulation and 27 additional colors).

Net Weight/Volume : 5.0 g/pc/color
 Style/Item No. : SMQ-906/SMQ-903/SMQ-606/SMQ-603/SMQ-603D
 Buyer : Unspecified
 Manufacturer : Unspecified
 Region of Origin : China
 Region of Destination : USA
 Sample Receiving Date : Dec 04, 2018
 Test Period : Dec 10 ~ Dec. 24, 2018
 Reference No. : TJHL1811006651ST

Test Requested

For compliance with Labeling of Hazardous Art Materials Act (LHAMA) and the criteria outlined in ASTM D-4236.

Test Results

Please refer to the following page(s).

Conclusion

The said product conforms to the health requirements of ASTM-D4236 and requires no additional labeling in accordance with the CPSC's Regulations as amended by the LHAMA. This product must bear the following statement of "**Conforms to ASTM D-4236**".

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Gradyon

Kejun You, Grady
 DCST, DABT, ERT
 Diplomat of Certified Toxicologist, CST
 Diplomate of the American Board of Toxicology
 EUROPEAN REGISTERED TOXICOLOGIST



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Test Results:

The formulation of ACRYLIC PAINT INK – Ink in 28 Assorted Colors (White, Black, Red, Bright green, Blue, Yellow, Sky blue, Purple, Orange, Peppermint Green, Gouache orange, Pink, Walnut wood, Light pink, Claret, Rose red, Honeydew yellow, Light orange, Butterfly Blue, Phthalocyanine green, Olive green, Aqua Green, Light blue, Chocolate, Light brown, Purplish red, Golden and Silvery) was reviewed according to the US Consumer Product Safety Commission's Regulation-16 CFR 1500.135 and the criteria outlined in ASTM D-4236.

In this review, the available data including the relevant data from the National Toxicology Program (**NTP**), International Agencies for Research on Cancer (**IARC**) and other sources in the National Library of Medicine Data Bank were considered to assess the need for chronic health hazard warning. The carcinogenicity, reproductive hazard, neurotoxicity, bioavailability and potential exposures were also considered and in the absence of specific data, a reasonable judgment was made to realistically assess the potential hazards of this component.

The review is based only on the submitted formula (*APPENDIX-1*) including the CAS No. of each component and their concentration (% by weight). All the ingredients in this product are assumed to contain no contaminants or residues at level that would cause chronic toxicity among users when used as intended or under circumstances involving reasonable foreseeable misuse. If there is any alteration to this formula in this product, it will void this certification.

The formulation is intended to be preloaded in pen for painting on glass, wood and rock by the population of 3 years old and above. None of ingredients at levels found in this product would be expected to cause chronic toxic effects in consumers during its normal and foreseeable use conditions according to the searches of the above mentioned data sources and other information sources. Based on all available information provided up to date and if the assumption mentioned above is correct, it's my opinion that the product would not be expected to pose any significant chronic adverse health effects to the consumer when it is used as intended or under reasonable foreseeable conditions of misuse. Consequently, the product conforms to health requirement of ASTM D-4236 and requires no additional labeling in accordance with the CPSC's Regulations as amended by the LHAMA.

Labeling Practice:

CONFORMS TO ASTM D-4236



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The validity of this review depends on the validity of disclosure by both the manufacturer of the components and that of the finished products. In addition, best professional capabilities are used in performing this review and if the client wishes to use this opinion with any alterations to the submitted formula, SGS-CSTC Standards Technical Services Co., Ltd. or any of its employees will not be held reliable for any injury or damage resulting from this product. This review will need to be updated **every five years** or upon reformulation or upon change of new significant safety information. In addition, the submitted sample should also be in compliance with US CPSC additional guidelines in all respects.

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



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COMPOSITION DETAILS

Chemical Name	CAS RN	% By Weight
Water	7732-18-5	64.7
2-Methylprop-2-Enoic Acid	25133-97-5	30.0
Tris(2-Hydroxyethyl) Amine	102-71-6	0.3
White		
Titanium Dioxide	13463-67-7	5.0
Black		
Carbon Black	1333-86-4	4.0
Titanium Dioxide	13463-67-7	1.0
Red		
Pigment Red 22	6448-95-9	4.0
Titanium Dioxide	13463-67-7	1.0
Bright Green		
Pigment Blue 15:3	147-14-8	3.0
Titanium Dioxide	13463-67-7	0.5
Pigment Yellow 3	6486-23-3	1.5
Blue		
Titanium Dioxide	13463-67-7	1.0
Pigment Blue 15:3	147-14-8	4.0
Yellow		
Pigment Yellow 3	6486-23-3	3.0
Titanium Dioxide	13463-67-7	2.0
Sky Blue		
Titanium Dioxide	13463-67-7	2.5
Pigment Blue 15:3	147-14-8	2.5
Purple		
Pigment Violet 23	6358-30-1	3.5
Titanium Dioxide	13463-67-7	1.5
Orange		
Pigment Red 22	6448-95-9	3.0
Pigment Yellow14	5468-75-7	2.0
Peppermint Green		



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Chemical Name	CAS RN	% By Weight
Pigment Yellow14	5468-75-7	0.5
Pigment Blue 15:3	147-14-8	3.5
Titanium Dioxide	13463-67-7	1.0
Gouache Orange		
Pigment Red 22	6448-95-9	2.0
Pigment Yellow14	5468-75-7	1.0
Titanium Dioxide	13463-67-7	2.0
Pink		
Pigment Red 22	6448-95-9	1.5
Titanium Dioxide	13463-67-7	3.5
Walnut Wood		
Pigment Yellow14	5468-75-7	1.0
Pigment Red 22	6448-95-9	2.5
Carbon Black	1333-86-4	0.5
Titanium Dioxide	13463-67-7	1.0
Light Pink		
Pigment Red 22	6448-95-9	0.5
Titanium Dioxide	13463-67-7	4.5
Claret		
Pigment Red 22	6448-95-9	4.0
Carbon Black	1333-86-4	0.5
Titanium Dioxide	13463-67-7	0.5
Rose Red		
Pigment Red 22	6448-95-9	3.0
Titanium Dioxide	13463-67-7	2.0
Honeydew Yellow		
Pigment Yellow 3	6486-23-3	1.0
Pigment Yellow14	5468-75-7	3.5
Titanium Dioxide	13463-67-7	0.5
Light Orange		
Pigment Red 22	6448-95-9	2.5
Pigment Yellow14	5468-75-7	1.5
Titanium Dioxide	13463-67-7	1.0



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Chemical Name	CAS RN	% By Weight
Butterfly Blue		
Pigment Violet 23	6358-30-1	2.5
Pigment Red 22	6448-95-9	2.0
Titanium Dioxide	13463-67-7	0.5
Phthalocyanine Green		
Pigment Yellow14	5468-75-7	2.0
Pigment Blue 15:3	147-14-8	2.5
Titanium Dioxide	13463-67-7	0.5
Olive Green		
Pigment Yellow14	5468-75-7	2.0
Pigment Blue 15:3	147-14-8	2.5
Titanium Dioxide	13463-67-7	0.5
Aqua Green		
Pigment Yellow14	5468-75-7	3.0
Pigment Blue 15:3	147-14-8	1.5
Titanium Dioxide	13463-67-7	0.5
Light Blue		
Pigment Blue 15:3	147-14-8	3.0
Titanium Dioxide	13463-67-7	2.0
Chocolate		
Pigment Red 22	6448-95-9	1.4
Pigment Yellow 3	6486-23-3	1.6
Carbon Black	1333-86-4	2.0
Light Brown		
Pigment Red 22	6448-95-9	1.0
Pigment Yellow 3	6486-23-3	2.5
Carbon Black	1333-86-4	0.5
Titanium Dioxide	13463-67-7	1.0
Purplish Red		
Pigment Red 22	6448-95-9	4.5
Pigment Violet 23	6358-30-1	0.5
Golden		
Pigment Red 22	6448-95-9	1.0



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Chemical Name	CAS RN	% By Weight
Pigment Yellow 3	6486-23-3	4.0
Silvery		
Titanium Dioxide	13463-67-7	1.8
Aluminium Powder	7429-90-5	3.0
Carbon Black	1333-86-4	0.2



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