



CHENGHAI DISTRICT SHANTOU CITY BEIDIYUAN TOYS FACTORY

Technical Report: (8822)136-0017

Jun 7, 2022

Date Received: May 16, 2022

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CHENGHAI DISTRICT SHANTOU CITY BEIDIYUAN
TOYS FACTORY
CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG
PROVINCE, CHINA

Sample Description: DRAWING BOARD SERIES

Vendor: N/A

Manufacturer: N/A

Labeled Age Grade: NOT RECORD

Appropriate Age Grade: NOT REQUESTED

Client Specified Age Grade: NOT SPECIFIED

Grade:

Tested Age Grade: N/A

UPC Code: N/A

Test Starting Date: MAY 16, 2022

Sample Size: 1

Style No(s): SEE ATTACHMENT

SKN/SKU No.: NOT PROVIDE

PO No.: NOT PROVIDE

Ref #: NOT PROVIDE

Country of Origin: NOT PROVIDE

Assortment No.: NOT PROVIDE

Test Finished Date: JUN 7, 2022

EXECUTIVE SUMMARY:

Test Requested	Conclusion
Based on the provided art material formulation, the sample was evaluated to the requirements of the LHAMA regulation in accordance with 16 CFR 1500.14 and ASTM D4236 "Standard Practice for Labeling Art Materials for Chronic Health Hazards" by a certified toxicologist	DATA

Note: The submitted formulation would not be expected to pose any significant chronic adverse health effects to humans when it is used as intended or under circumstances involving reasonable foreseeable misuse. The product(s) will not require any additional chronic health hazard labeling according to ASTM D4236. The product(s) must bear the following statement:
"Conforms to ASTM D4236"



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ATTACHMENT:

Style No(s):

WOZM082765, 050-1, 050-2, 050-3, 050-4, 050-5, 050-6, 050-7, 050-8, 050-9, 050-10, 050-11, 050-12, 050-13, 050-14, 050-15, 050-16, 050-17, 050-18, 050-19, 050-20, 050-21, 050-24, 050-25, 050-26, 050-27, 050-28, 050-29, 050-30, 050-31, 050-32, 050-33, 050-34, 050-35, 050-36, 050-37, 050-38, 050-39, 050-40, 050-41, 050-42, 050-43, 050-44, 050-45, 050-46, 050-47, 050-48, 050-49, 050-50, 050-51, 050-52, 050-53, 050-54, 050-55, 050-56, 050-57, 050-58, 050-59, 050-60, 050-61, 050-62, 050-63, 050-64, 050-65, 050-66, 050-67, 050-68, 050-69, 050-70, 050-71, 050-72, 050-73, 050-74, 050-75, 050-76, 050-77, 050-78, 050-79, 050-80, 050-81



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RESULTS:

Exposure Assessment and Considerations:

A formulation of marker pen ink (4.6g, 5 colours) intended for use by children 3+, for distribution to US market.

This product contains a high concentration of narcotic solvents, Ethyl Alcohol, which may be narcotic by ingestion. Moreover, this ingredient is classified as H319 Causes serious eye irritation, and its level would trigger ($\geq 50\%$) the product to be classified as H319 also. However, the ink is supplied in an enclosed pen dispenser and as such ingestion or ocular exposure of significant quantities is unlikely. Therefore, their presence is acceptable.

Since this product is intended to be used by young children that mouthing object is still a common behavior or have difficulty on following instructions, it is advised that to accompany with adult when using this product to avoid any non standard exposure (e.g. ingestion).

Polyvinyl Butyral is polymerised from hazardous substance, while an essential inert polymer should be formed if fully polymerised. The manufacturer must ensure this material is free of residue monomer and solvent.

Some colorants are permitted to be used in EU/US Cosmetic or EU EN71-7 Finger Paint due to low toxicity. For those who are not listed, they are not classified as hazard and not prohibited to be used in US art material, thus their presence is considered to be acceptable.

The manufacturer must ensure that all raw materials are of suitably safe US art material grade, all polymers are fully polymerised.

There are no chronic hazard warning statements that are required on the product label in order to comply with the LHAMA regulations.

Note: Use of this product by children should be supervised by an adult.

Note: The LHAMA evaluation was performed at a Bureau Veritas CPS approved subcontract lab.

Toxicological & Regulatory Assessor

Gary Kok, BSc, MSc, AMRQB
This report consists of 4 pages plus a Regulatory and I



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RESULTS:



END OF REPORT