



Confidential

ASTM D-4236 EVALUATION FOR *GLUE STICK*

Company: Stanger Produktions- und Vertriebs- GmbH & Co. KG
Ferdinand-Porsche-Strasse 2
D-32339 Espelkamp
Germany

Date: January 25, 2016

Details of Product: Description: Glue Stick
Age grading on package, years: All ages
Physical form: Solid
Mass or volume: 10g, 20g, 40g

Ingredients and %w/w composition are listed in the appendix (subject to valid request).

The above named product, and the ingredients in the product formulation, were assessed for the following chronic hazards, and evaluated for compliance with the labeling requirements designated in the U.S. Consumer Product Safety Commission (CPSC) Regulations (16 CFR §1500.14; 57 FR 46626) and ASTM D-4236 (LHAMA Certification):

- Carcinogenicity
- Neurotoxicity
- Reproductive and developmental toxicity
- Sensitization
- General organ and tissue toxicities

Searches of medical and toxicological scientific databases were conducted to determine if any of the ingredients in the product, at the levels used, or as components of the final formulated product, are known to cause chronic adverse health effects to consumers when used as intended or under conditions of reasonable foreseeable misuse.

Conclusions: Based on the scientific literature available and the information provided to date, the *Glue Stick* would not be expected to pose any significant chronic adverse health effects to humans under normal use or reasonable foreseeable misuse.

Consequently, the *Glue Stick* conforms to the health requirements of ASTM D-4236 and requires no additional labeling in accordance with the Consumer Product Safety Commission's Regulations as mandated by the Labeling of Hazardous Art Materials Act (LHAMA). The *Glue Stick* must bear the following statement: "Conforms to ASTM D-4236."

The following conditions apply to this assessment:

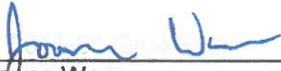
- This product was not evaluated for heavy metal or lead content, which can affect the ability of manufacturers to label their products in compliance with ASTM D-4236.
- This product was not assessed for compliance with regulations, other than as described above.
- This product was not assessed for compliance with the California EPA, Proposition 65.

- This product has not been evaluated for potential physical injury such as choking hazard, aspiration risk, or mechanical irritation.
- It was assumed that the formulation given is accurate, all ingredients are disclosed and concentrations are correct, as listed in the appendix table, subject to valid request.
- It was assumed that neither this product, nor the ingredients used in the product, contained any impurities/contaminants that would cause toxicity in a consumer.

This evaluation is relevant solely to the conditions described herein. Any substitution of ingredients, increase in concentrations of use, or change of use pattern will necessitate a new evaluation. Should occurrences of significant adverse reactions amongst consumers (e.g. high number of undesirable effects) be reported for Glue Stick, the board certified toxicologist herein shall be informed and the necessity for a new evaluation will be determined.

This evaluation applies only to the formulation that has been provided in the corresponding confidential appendix to this report. This appendix is held on file at the Mississauga Intertek Office.

Signature of Board Certified Toxicologist:



Joanne Wan:
Diplomate, American Board of Toxicology
Intertek Scientific & Regulatory Consultancy

January 25, 2016
Date

END OF MAIN REPORT