

TEST REPORT

Test Report # 19W-018203-5 Date of Report Issue: December 18, 2019
Date of Sample Received: November 18, 2019 Pages: Page 1 of 3

CLIENT INFORMATION:

Company: PandoraStocks LTD
Address: @pandorastocks.com



SAMPLE INFORMATION:

Product Name: Glow Paint
Style No.: -
Order No.(PO No.): -
Country of Origin: China
Country of Distribution: Europe, United States
Testing Period: 11/21/2019-12/02/2019

OVERALL RESULT:

**PASS With
INFORMATION**

Please refer to the following pages for test result summary and appropriate notes.

QIMA (HANGZHOU) TESTING CO., LTD.

Kevin Lee

Kevin Lee
Technical Manager



RC-CSHZ-R016

QIMA (HANGZHOU) TESTING CO., LTD. • 4-5/F A2 BLDG NO. 1213 HUOJU SOUTH ROAD PUYAN STREET BINJIANG DISTRICT HANGZHOU CHINA
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Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.
If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS with information	Toxicological Risk Assessment (TRA) for 16 CFR 1500.3(b)(5), 1500.3(b)(6), 1500.3(b)(7), 1500.3(b)(8) and 1500.3(b)(9). And ASTM F963-17 Standard Consumer Safety Specification for Toy Safety ¹
PASS with information	Toxicological Risk Assessment (TRA) for European CLP Regulation (EC) No 1272/2008, EU Toy Safety Directive 2009/48/EC and as implemented by EN 71 ¹

Note 1: It is required to place the following Safety Labeling in the product:

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

Do not ingest.



Appendix I: Toxicological Risk Assessment (Report 17-7283-RA64343)
from Delphic HSE Solutions Ltd

-End Report-



Aurora, Aquaris

PRODUCT DETAILS

Type of Product: Paint | Rinse off
Physical Form: Liquid
Client: PandoraStocks Ltd.
13 Slipshatch Road, Reigate,
Surrey, RH2 8HA England

Product Reference
19W-018203 (Green, Aqua)

PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance: Liquid
Odour: Not Provided
Melting Point: Not Provided
pH: Not Provided
Specific Gravity: Not Provided

Viscosity: Not Provided
Water Solubility: Not Provided
Log Kow: Not Provided
Particle Size: Not Provided

Limited physical-chemical data were supplied for review. The manufacturer/organisation responsible for placing the product on the market must ensure the physical-chemical properties of the product do not significantly impact on the toxicological profile of the product under normal conditions of use.

FORMULATION OVERVIEW

The formulation of this product has not been disclosed, and is held in confidence by Delphic HSE Solutions Ltd. For information concerning the formulation of this product, please refer any enquiries to the manufacturer.

SAFETY WARNINGS / INSTRUCTIONS

Use of this product by children should be supervised by an adult.
Do not ingest.

The formulation of this product has not been disclosed, and is held in confidence by Delphic HSE Solutions Ltd. For information concerning the formulation of this product, please refer any enquiries to the manufacturer.

EXPOSURE SCENARIO

Intended Consumer: Children 3+
Single Exposure: 400 mg | 4 x Day
Retention Factor: 0.5

Minimum Expected Body Weight: 14kg
Diluted in use: No
Retained Exposure: 57.143 mg/kg/day

Exposure to Neat Product:
Body Site(s): Hands
Surface Area: 437 cm²
Exposure Level: 1.831 mg/cm²
Exposure Time: Washed off after about 1 hour

Exposure to Diluted Product: Product Not Diluted in Use

Manufacturers Instructions for Use

Lids are tamper-evident. To open the lid, pull off the plastic seal using the protruding piece of plastic. After doing this you can then open the lid carefully by pushing up the lid's protruding plastic handle

Information on Previous Sales / Complaints

Details of previous sales and complaints data has not been supplied for review. This assessment is, therefore, completed on the assumption that no previous health-related complaints have been reported by consumers. If this is incorrect the manufacturer/responsible person must notify Delphic HSE of all such reported complaints so that the assessment can be updated.

Going forward the manufacturer/responsible person must ensure that details of any concerns or complaints relating to consumer safety and adverse health effects are provided to Delphic HSE so that the safety assessment can be updated accordingly.

Information on User Trials / Product Testing

Details of user trials/additional product safety testing have not been supplied for review, and this assessment is conducted on the basis that no such testing has been undertaken. Should this be inaccurate, or additional testing be conducted in the future, Delphic HSE should be notified of the details of such testing so this safety assessment can be updated accordingly.

Product Review

A paint (2 colours) intended to be used by children 3+, for distribution to the EU and US market.

The ingredients used in the formulation are either not classified as hazardous, or if the particular substance is known to be hazardous on their own, the levels used in the formulation will not make the whole product classified as a health hazard and would be considered unlikely to pose a significant toxicological risk to a majority of individuals under normal conditions of use.

Several metal compounds are used in this product, the manufacturer shall ensure the migration of boron meets the limit established in EN71-3 standard.

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

For certain substances, their margin of safety is below the recommended value of 100 if that is derived from a NOAEL of animal study or 1 that derived from an acceptable daily intake/tolerable daily intake for human, respectively, based on exposure to the whole product. Since it is unlikely the whole product is going to be ingested at once and repeatedly. It is assumed that the non standard exposure can be avoided by appropriate warning mentioned above. Therefore, the presence of those substances are acceptable.

The manufacturer must ensure that all raw materials are of suitably safe EU and US toy grade, all polymers are fully polymerised.

Assuming the product is labelled with the safety warning, the product is expected to present a minimal toxicological risk to the majority of consumers under normal conditions of use.

Skin Toxicity - Neat Product

Not expected to cause skin irritation following prolonged or repeated use.

Exposure to this product is unlikely to result in photo-toxic effects.

Unlikely to cause sensitisation following repeated skin contact.

Unlikely to produce systemic toxicity following skin contact.

Eye Toxicity - Neat Product

May cause slight transient eye irritation.

Oral Toxicity - Neat Product

All materials if swallowed in large amounts have the potential to cause injury.

If incidentally swallowed in small amounts, the formulation as supplied is unlikely to cause any adverse effects.

Not expected to produce systemic toxicity following ingestion. All materials if swallowed in large amounts have the potential to cause injury.

Inhalation Toxicity

It is unlikely that inhalation will be a route of exposure.

Required Safety Labelling

Use of this product by children should be supervised by an adult.
Do not ingest.

Overall Safety & Compliance

Taking into account typical exposure of children during use, the toy is **unlikely** to cause harm.

This toy is not classified as a Hazardous Substance or Mixture as per the health criteria of European CLP Regulation (EC) No 1272/2008.

Provided that suitable safe grades of chemicals are used, this toy will comply with the EU Toy safety Directive 2009/48/EC and as implemented by EN71.

Review of the documented information for the ingredients in the formulation for this product suggests that it is not expected to be Toxic, Highly Toxic, Corrosive, Irritant or a Strong Sensitiser as defined in 16 CFR 1500.3(b)(5), 1500.3(b)(6), 1500.3(b)(7), 1500.3(b)(8) and 1500.3(b)(9) and ASTM F963-17 Standard Consumer Safety Specification for Toy Safety.



Toxicological & Regulatory Assessor

Hou Kin Lam
Hou Kin Lam BSc (Hons), MSc, MRSB

2 Dec 2019

This report consists of 4 pages plus a Regulatory and Ingredient Data Annex. It is only valid as the original, complete document.
