

TOXICOLOGICAL RISK ASSESSMENT

Easy Hold Glow Panel

Customer Reference: 73454, 73456, 73458, 73460

CONFIDENTIAL

DELIVERED TO:

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DATE:

January 29, 2022

Report ID: SH-Sambro-TRAG-38

Intertek ID: ZHJ1652339





Toxicological Risk Assessment

Easy Hold Glow Panel

Customer Reference: 73454, 73456, 73458, 73460

Product Information

A liquid formulation was designed as Sensory toy to be used by children over 1 year old. Net volume is 25 ml.

Assessment Conclusion

This chemical formulation intended to be used in or as a toy product to be used by children is not classified as a Hazardous Mixture as per the health criteria of European Regulation (EC) No. 1272/2008 on the basis of available information for the ingredients from supplier safety data sheets and current literature. Upon assessment of the supplied formulation, there are no risks of adverse effects on human health due to exposure to the chemical substances or mixtures of which the toys are composed or which they contain when the toys are used by children and meets the requirement under Toys Safety Directive 2009/48/EC, Annex II, Part III point 1.

It must be ensured that the ingredients to be used in the formulation will be of appropriate quality for use in toy products.

Provided the requirements and any further testing listed in this report are satisfied and taking into account typical ways children interact with toys, it is considered that, from a toxicological point of view, the proposed formulation is unlikely to cause harm for the majority of users.

This statement only applies to the product with the formula identified above. Any change in the formula, including any quality aspect, requires a new, up-dated safety assessment for the formula affected.

Under normal or reasonably foreseeable conditions of use, a product made to this formulation is unlikely to produce an abnormally high number of adverse reactions. The product will give users the level of safety they can reasonably expect when used as directed.

Labelling Warnings and instructions for use

Warnings

No mandatory regulatory warnings.

Instructions of Use

Follow instruction of use.

Fragrance Allergen Labelling

No allergens must be listed on the product label.



Reasoning

Product Toxicity Review

There are no substances present which are classified as hazardous to health in accordance with the criteria of CLP Regulation (EC) No. 1272/2008.

If used as directed, use of this product formulation should be uneventful in the majority of the general population.

Effects of the product as provided on the skin

The formulation as supplied may cause only minimal skin irritation even if exposure is prolonged and/or repeated. Exposure to this product is unlikely to result in phototoxic effects.

Effects of the product as provided on the eye

Eye contact is unlikely to occur during normal use.

Accidental exposure of the eye to the formulation as supplied may result in eye irritation.

Effects following ingestion of the product as provided

Ingestion is an unlikely route of exposure.

Effects following inhaling of the product as provided

Inhalation is an unlikely route of exposure.

Ingredient Toxicity Review

There is no hazardous substance in this formula. Considering of the toxicological data and actual use of the final product, safety concerns are not expected to occur under normal and foreseeable condition of use.

Margin of Safety Review

No Information available.



Exposure Scenario

Product Class: Toy

Product Group: Toys

Part of body exposed to undiluted: No contact with the skin during normal use

Product Name: Easy Hold Glow Panel

Targeted Population: PreAdolescent 3-5years

Body weight(kg): 16.3

Total amount applied per day (g): No contact during normal use

Percent weight fraction transfer to the skin %: No contact during normal use

Due to the lack of 1-3 years exposure data, 3-5 years exposure data were used for this assessment.

Fragrance Composition

This formulation does not contain a synthetic fragrance and therefore a fragrance safety evaluation as per IFRA code of practice is not applicable to this product.



Assessor's Credentials and Approval

This product was evaluated by J. CUI who is qualified by education, training and experience to evaluate the safety of this product formulation.

J. CUI, MSc, Toxicologist
Intertek Health, Environmental & Regulatory Services (HERS)

Date: January 29, 2022

This product was reviewed by R. ZHANG who is qualified by education, training and experience to evaluate the safety of this product formulation.

R. ZHANG, Ph.D, Toxicologist
Intertek Health, Environmental & Regulatory Services (HERS)

Date: January 29, 2022

END OF REPORT

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