SHEN ZHEN CHEERMO ADHESIVE PRODUCTS CO.,LTD

NO.5 TONGFU ROAD,QIAOTOU COMMUNITY FUYON STREET,BAOAN DISTRICT,SHEN ZHEN CITY GUANGDONG PROVINCE,CHINA

The following samples were submitted and identified by/on behalf of the client as:
ALJ/CL66/KG85W-B (1 formulation).

Net Weight	:	20 G PER CONSUMER PRODUCT
Style/Item No.	:	CZ0248, CZ0012, CZ0249, CZ0243, CZ0223, CZ0192, CZ0077, CZ0193
SGS Case No.	:	CA317202938359
Sample Receiving Information	:	FORMULATION WITH CHEMICAL NAME, CAS NO. AND PERCENTAGE
Manufacturer	:	SHENZHEN CHEERMO ADHESIVE PRODUCTS CO., LTD
Country of Origin	:	CHINA
Country of Destination	:	CANADA
Labeled Age Grading	:	2 – 5 YEARS
Sample Receiving Date	:	DEC 22, 2017
Last Information Date	:	DEC 29, 2017
Test Period	:	DEC 22, 2017 TO JAN 05, 2018

Test Requested
Toxicological Risk Assessment (TRA) for said product.

Test Results
Please refer to the following pages.

Conclusion
Please refer to *Section IV: CONCLUSION*.

Signed for and on behalf of
SGS Hong Kong Ltd.

_____
Alec Eng Dar KOR
PhD, MRSB, MBTS
Toxicological Safety Assessor

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TOXICOLOGICAL RISK ASSESSMENT

The formulation of ALJ/CL66/KG85W-B – Transparent sticker adhesive is reviewed. The product is for Canadian market and intended for sticking by children of 2 years old or above. The net weight of sticker adhesive (The formula under assessment) is 20 g per consumer product. Detailed formulation is submitted by the client. Ingredients are not presented in the report, whereas they are recorded in the SGS Archives.

This risk assessment takes account of:
Corrosivity
Skin irritation
Eye irritation
Strong sensitization
Oral toxicity
Inhalation toxicity

According to:
Canada Toys Regulations (SOR/2011-17 Sections 25 and 26)

The followings were considered in this toxicological assessment
Ingredient toxicological profile
Potential ingredient interaction
Consumer exposure scenario

Section I. FORMULATION REVIEW

According to the client's needs to protect business secrecy, detailed formulations are NOT presented in this report, whereas they are recorded in the SGS Archives. In case of medical events, it is the client's responsibility to provide the formulations to a patient's physician, or SGS upon request may furnish relevant medical units, on a confidential basis, information necessary to diagnose or treat cases of exposure without prior written authorization.

The reported ingredients are not considered to cause acute oral toxicity, eye/ skin irritations, be corrosive or strong sensitization as defined according to the Canada Toys Regulations (SOR/2011-17 Sections 25&26) with the stated net weight of the product.
No allergenic fragrance has been indicated to be present in the formulation.

Section II. CONSUMER HEALTH RISK ASSESSMENT

Afore-mentioned formulation has been reviewed for safety at the basis of the following assumptions.

Exposure assessment
The following assumptions have been made for assessment of exposure:

- Product category: Adhesive
- Physical form: Thin layer of polymeric material of sticky property which is preloaded underneath stickers
- Intended use (suggested use): Stickers
- Accessibility: This product will contact with the consumer directly
- Exposure route(s): Primarily via dermal contact
- Default body weight: 12.9 kg
- Target population: Children of 2 year old and above

Section III. RISK EVALUATION

The sticky nature of the product makes it difficult to remove if it accidentally enters the eye. Provided that the manufacturer's instructions are followed, and the ingredients are well-cured and do not contain any contaminants or residues at hazardous levels, this product is unlikely to cause damage to internal organs through skin, ingestion and inhalation in majority of consumers under normal and reasonably foreseeable conditions of use.

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Section IV. CONCLUSION

The formulation is not expected to cause acute oral toxicity, skin and eye irritation, be corrosive or be a strong sensitizer. Provided the manufacturer's instructions are followed and the ingredients are well-cured and do not contain any contaminants or residues at hazardous levels, it is considered that, in the present state of knowledge, the submitted formulation put on the market is unlikely to pose a significant risk to the health of intended consumer under normal and reasonably foreseeable conditions of use.

Recommended Safety Labelling

Avoid contact with the eye. Rinse eye immediately if product comes into contact with them.
Do not use on broken, abraded or compromised skin.

The TRA assessment is valid under the following conditions:

1. Potential physical, mechanical, electrical and microbiological risks of the product have not been assessed and evaluated.
2. The formulation, description and other supporting documents of the product were assumed to be valid and accurate.
3. It was assumed that either the ingredients, or the finished product contain no contaminants or residues that cause toxicity to a consumer who may be exposed. All polymers should be well-cured if they are present in the formulation.
4. The risk evaluation can solely be applied to and appropriate for, the product described above under the stated conditions. Modification of any components of the finished product, such as net weight, adjustment of ingredient concentrations, should therefore require re-evaluation.
5. Heavy metal contents in the product were not assessed and evaluated.
6. This product has been assessed for compliance only with the regulation(s) specified herein.
7. If there is an adverse reaction from using this formulation then the undersigned should be informed so that the formulation can be further reviewed.
8. This product has been evaluated for human health only, environmental concern/ ecotoxicity is not assessed in this report.
9. The assessment is performed by in-house method, taking reference of available consumer product exposure database, literature data to the best of knowledge by the time of assessment.

The validity of this review depends on accurate disclosure by both the manufacturer(s) of the components and of the finished products. Best professional capabilities are used in performing this review. If client wishes to use this opinion with any alterations to the submitted formula, SGS (HK) Ltd. or any of its employees will not be held liable for any injury or damage resulting from this product. A review of this assessment should be programmed at regular and frequent intervals (upon reformulation of the components or the finished products or upon any change to health and safety regulations).

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