Publicly Certified and Authorized Expert for
Toxicology of Cosmetics and Consumer Articles
Attested by the Chamber of Commerce "Mittlerer Niederrhein"

Dr. Joachim Haselbach
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Certificate

Human Toxicological Evaluation

According to the legal safety obligations of § 30 No 1 and No 2 of LFGB (German Legal Code on Foodstuff, Consumer Articles and Feedstuff of 03/06/2013 (German Federal Gazette I, No 27 of 10/06/2013, page 1770: http://www.gesetze-im-internet.de/bundesrecht/lfgb/gesamt.pdf) for the protection of human health and based on the qualitative and quantitative recipe and the toxicological properties of the used raw materials and taking into consideration relevant human exposure the products:

„AKEMI® Colour Bond", „AKEMI® Platinum L-Spezial" and „AKEMI® Platinum flüssig"

of the manufacturer:

AKEMI Chemisch Technische Spezialfabrik GmbH, Lechstr. 28 in D-90451 Nürnberg

have to be regarded as safe

when used for filling and bonding of artificial or natural stones which may be in contact with foodstuff.

The basis of this evaluation comprises:

1. Toxicological evaluation of all raw materials (ingredients) with respect to their toxicological potency and their concentration in the evaluated product recipe.

2. Toxicological evaluation of the final product considering the product formula (recipe) in comparison to the practice of its use and to relevant safety considerations.

3. Toxicological evaluation of the intended use of the products taking into account the respective exposure conditions humans might be exposed through consumption of foodstuff in previous contact with the products.

4. Any additional safety related elements like information on the proper use of the products.

This human toxicological evaluation was performed by taking into account all relevant documents, with further consideration of specific national and/or international recommendations together with expert experience and state of the art toxicological knowledge.

This evaluation stays valid as long as no safety related modifications of the qualitative and quantitative formulation (recipe) are conducted.
It has to be renewed in case through practical experience safety related complaints come to the attention of the manufacturer and/or in case new and valid toxicological data for any of the raw materials becomes available.

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