



维格拉水性光油环保认证

尊敬的客户：

根据您的询问，我们特此告知您：

维格拉水性光油，在正确使用的条件下，完全符合德国 LFGB 条款的规定，特别是第 30 条和第 31 条。因此，维格拉水性光油完全可以安全用于食品外包装。

从成分来看，维格拉水性光油符合德国 BfR 推荐条件(XIV)和美国 FDA 规定 (21CFR,176.170/180)。因此，作为干燥的上光涂层，维格拉水性光油适用于食品包装，并且可直接接触食品。

维格拉水性光油无害于生态环境，是基于苯乙烯丙烯酸盐共聚物的水基材料，不含任何有害酞酸盐或异丙酮（不含 ITX）或芳香烃。干燥过程中气味中和，无刺激。根据欧洲标准 EN 71/3 — "玩具安全"，用于包装的维格拉水性光油在正确使用情况下，被确认为安全。

根据此标准对配方的规定，我公司产品不含有任何重金属元素，也不含有任何内含重金属元素的添加剂。

维格拉水性光油通常不含任何挥发性有机化合物(VOC-free)，被归为水危害物 1 类，可分解，不会发生生物堆积。

顺致

德国艾晓维格拉集团

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Certificate of Conformity for VEGRA Dispersion Coatings

Dear Sirs

Referring to your inquiry we would like to inform you that VEGRA Dispersion Coatings, if used properly, are conform with the stipulations of the German law "Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetz", especially §§ 30 and 31, LFGB. Therefore, they can be used without objection for the production of food packings as outer wrapping.

According to their composition, VEGRA Dispersion Coatings comply with the German BfR recommendation (XIV) and the US American FDA regulations (21CFR, 176.170/180). Therefore, they are suitable - as dried coating film - for food packings with direct food contact.

VEGRA Dispersion Coatings are ecologically harmless, aqueous coating systems based on styrolacrylate copolymers. They do not contain any harmful phthalates or isopropyl thioxanthone (ITX-free) or odiferous agents. The dried coating film is odourless and neutral in taste.

The use of the above mentioned dispersion coating for packings which are subject to the European standard EN 71/3 "Safety of Toys" is to be recognized as safe provided that it is used properly. According to its formulation, it does not contain any of the heavy metals nor additives containing heavy metals mentioned in the standard.

As a rule, VEGRA Dispersion Coatings contain no volatile organic compounds (VOC-free). They are classified with water endangering class 1, they are biodegradable and no bioaccumulation will occur.

Best regards
VEGRA GmbH, Aschau am Inn

Albert Uhlemayr
Managing Director

(Signature)
i. A. Dr. Norbert Janietz
General Technique

The producer of the food packing has to test the suitability on the finished product according to the valid regulations. Factors with an impact on the result, as e.g. substrate, ink, application amount, UV radiator, cleaning agent must be selected according to the mode of application and have to be controlled properly.

Feuchtwasserzusätze — Dispersionslacke · UV Lacke — Druckhilfsmittel — Reinigungsmittel

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