

TECHNICAL INFORMATION

VOCAFLEX-EN

V1.9

Vocaflex-EN is an aqueous Isothiazolinone-free pigment preparation for colouring water-dilutable paints and coatings that must comply with the Toy Safety Directive 2009/48/EC and the industry standards EN 71-3 and EN 71-7.

The requirements for the migration of various elements, organotin compounds, and other regulated substances are taken into account by selecting raw materials with confirmed purity levels.

However, the application system and processing can have an impact on migration. Compliance with the migration limits according to the Toy Safety Directive 2009/48/EC and EN 71-3 and EN 71-7 is therefore the responsibility of the party placing the toy on the market.

In order to provide users with some assistance in formulating compliant colours, recommendations for maximum colouring quantities can be provided on request.

Preservation complies with the requirements of EN 71-7 and the substances regulated in Directive 2009/48/EC Annex II Appendix C are not part of the formulation or the raw materials used.

COMPOSITION

- aqueous
- binder-free
- contains 1,2-propanediol, therefore contains VOCs
- non-ionic and/or anionic additives, free from APEO additives
- Isothiazolinone-free preservation
- organic and inorganic pigments available in different degrees of fastness (e.g. light, weather or alkali)

CHARACTERISTICS

- with an in-can preservative that does not require classification and labelling as sensitizing in accordance with CLP Regulation (EC) No. 1272/2008.
- gravimetric dosing
- optimal pigment concentration
- reproducible colour stability
- good storage stability
- optimal raw material selection for applications according to EN71-3 and EN 71-7
- special adjustments according to customer requirements, according to chemical, technical and application-specific specifications.

COLOUR MATCHING

Monopigmented or customer-specific colour tone adjustment or adjustments according to standardised colour systems such as RAL, NCS, Pantone etc. on request, subject to minimum order quantities and deviating delivery times.

SPECIFICATION	Lower limit	Upper limit
Delta L	-0,8	0,8
Delta a	-0,8	0,8
Delta b	-0,8	0,8
Delta E		≤ 1
pH value	7	8,8
Colour Strength [%]	97,5	102,5

HANDLING

Pigment preparation must be stirred well before use.

STANDARD PACKING in 30 litre plastic containers with clamping ring lid:

- packing unit for pigment preparations basing on organic pigments: 30 kg
- packing unit for pigment preparations basing on inorganic pigments: 40 kg
- other drum or container sizes on request

STORAGE

- shelf life 12 months in unopened original packing
- frost-protected

NOTE:

All information bases on our current knowledge and experience. The user is obliged to perform own tests before the use of the paste in order to ascertain the applicability of the pigment preparation in the system.