

Physiological Clearance

Since there are no special statutes for the safety of candles and colours for candles, the EN 71, paragraph 3 (migration of certain elements) provision applicable to childrens' toys will often be referred to.

These limits are shown in detail in the legal text pertaining to EN71, paragraph 3
The content of heavy metal in bekro colours is below the limit values claimed by the EC and the CEN-members of Norway and Switzerland.

Presupposed our dosage recommendation will be adhered the content of primary aromatic amines is below the limits of determination (30 ppm).

Bekro colours come up to the requirements of the „Gütegemeinschaft Kerzen e.V.“ (the German Association for the quality of candles).

Our raw materials are listed in inventories as EINECS and TSCA.
Further Bekro colours meet the demands of OSHA.

Bekro Colours contain no carcinogenic, mutagenic or reproductive toxic substances, mentioned by Proposition 65.

Our pigment colours were tested and classified on behalf of the German Association of the Candle Manufacturers at noxious substances especially relevant to toxicity.
This test was carried out:

Ökometric GmbH
Bayreuther Institut für Umweltforschung
Berneckerstr. 17-21

D-95448 Bayreuth

Six commonly used colour groups were tested for possible impurities caused by polychloreddibenzo-p-dioxines and dibenzofuranes (PCDD/PCDF) and burning gases from paraffin candles coloured with dipping wax blends were analysed at PCDD/PCDF, polycyclical aromatic hydrocarbons (PAK) and shortchained aldehydes, e.g. formaldehyde and acrolein. According to the test results, colour and burning of the tested and coloured candles are hygienically unobjectionable.

Solely the manufacturer of the finished product will be in a position to check, whether the requested threshold values are strictly adhered to or not, since to some extent different test specifications refer to the finished product of the candle and because, additionally to colours, which make up the smallest part of the candle, even more ingredients will be processed.