

efka® - 6725

(formerly: EFKA-Uvalink ADP)

Reactive UV-Absorber for air-drying coatings

Composition: Derivative of 2,4-dihydroxy benzophenone

Data:

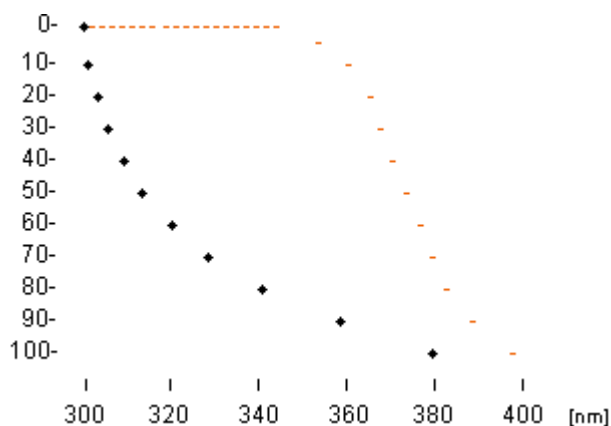
Active ingredients	: 95 - 100%	
Density at 20 °C	: 1.025 - 1.065 g/cm ³	DIN 51757
Flashpoint	: 200 °C	ISO 3679
Appearance	: pale colored liquid	

Properties: EFKA-6725 transforms the ultra violet component of the daylight (300 - 400 nm) into harmless heat, thus eliminating the destructive action of UV-light. EFKA-6725 contains a reactive group that cross-links with the alkyd-resins structure during the oxidative drying. EFKA-6725 therefore becomes an integral part of the film. This means:

- long lasting activity because there is no migration and agglomeration of the absorber and no leaching by moisture transfer. Due to the interfacial character of EFKA-6725 it orientates strongly at the film surface thereby reducing the degradation of the pigmented film.
- EFKA-6725 also possesses excellent compatibility with alkyd paints and varnishes.

Application: EFKA-6725 can be used in all kinds of oxidative drying paints and varnishes in order to improve UV-stability.

UV absorption spectrum Transmission (%)



UV-Transmission of an alkyd varnish 100 µm wet film.

..... without UV-absorber

- - - - with 2.5% EFKA-6725

Addition: In low pigmented or unpigmented varnishes: 1 - 3% on the final formulation. In pigmented coatings with insufficient light fastness: 0.5 - 1.0% based on the final formulation.

Incorporation: EFKA-6725 should be added at the end of the manufacture of the batch.

Storage: EFKA-6725 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container. The haziness and crystallization, which can take place upon storage at low temperature, has no influence on the quality of the product and can be reversed by heating.

Packaging: 25 kg non-returnable containers