



Product Data Sheet

ADD-7730

GENERAL

Reactive UV-Absorber combined with a Hindered Amine Light stabilizer for air-drying coatings especially for alkyd systems. **ADD-7730** is developed on paint chemistry and transforms the ultra violet component of the daylight (300 - 400 nm) into harmless heat, thus eliminating the destructive action of UV-light and also provides significantly extended life time to coatings by minimizing paint defects such as cracking and loss of gloss.

ADD-7730 contains a reactive group that cross-links with the alkyd-resins structure during the oxidative drying.

SPECIFICATIONS

Active ingredients	: Combination of derivative of 2,4-dihydroxy benzophenone with Bis-(N-methyl,2,2,6,6-tetramethyl-4-piperidin-yl) sebacate
Density at 20 °C	: Ca 1.05 g/cm ³
Appearance	: Pale coloured liquid

APPLICATIONS AND USAGE

ADD-7730 can be used in all kinds of oxidative drying paints and varnishes in order to improve UV-stability. 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.

ADD-7730 should be added at the end of the manufacture of the batch.

Particular properties given with **ADD-7730**:

- long lasting UV-absorbing component 2,4 Dihydroxy Benzophenone
- cross-link's during the oxidative drying process, becomes an integral part of the resin structure
- selective transport to the surface by solvent evaporation
- protects both unpigmented and low pigmented systems, useful for high gloss and semi-gloss
- cannot leached out and will protect the film during its full lifetime
- provides significantly extended life time to coatings by minimizing paint defects such as cracking and loss of gloss.

STORAGE, SAFETY & HANDLING

ADD-7730 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.