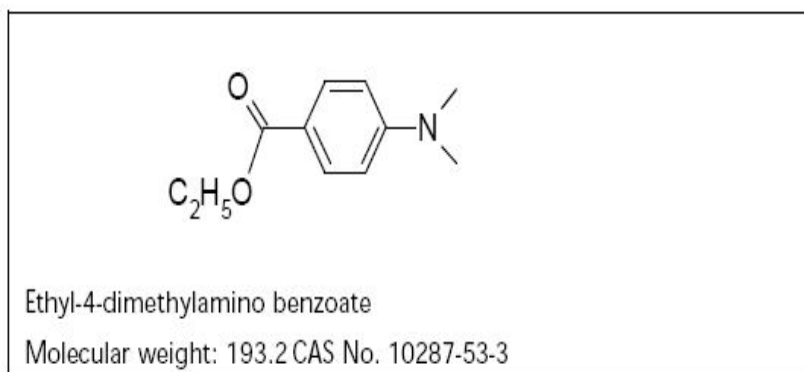


GENCURE EDB Photoinitiator

General

GENCURE EDB is a highly efficient amine synergist (aminobenzoate) which is used in combination with Type II photoinitiators to initiate radical photopolymerisation of unsaturated resins such as those based on a prepolymer - e.g. acrylates - in combination with mono- or multifunctional monomers as reactive thinners.

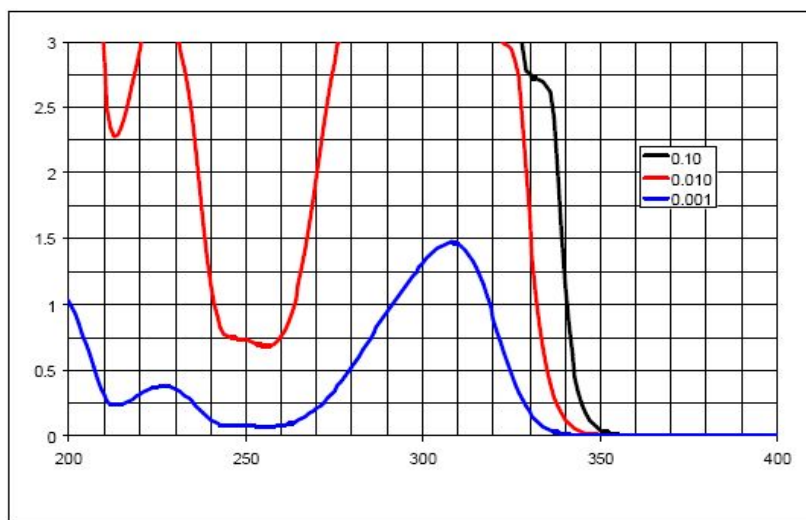
Chemical Composition



Physical Properties

Appearance: whitish crystalline powder
Melting point: 62-68°C

Absorption Spectrum (% in Acetonitrile)



Solubility (at 22 °C)

Solvent	wt% dissolved
Acetone	>50
TPGDA	25
TMPEOTA	22
GENCURE 1173	52

Applications

GENCURE EDB may be used after adequate testing together with type II photoinitiators like e.g. GENCURE ITX or other thioxanones in UV curable formulations in particular for pigmented coatings and varnishes on wood, metal, plastic, paper, adhesives as well as for printing inks and

photoresists.

GENCURE EDB offers good solubility in common UV reactive systems, e.g. systems based on acrylates or unsaturated polyesters.

The amount of GENCURE EDB required for optimum performance should be determined in trials covering a concentration range.

Recommended concentration:

2 - 5 % GENCURE EDB together with 0.25-3 % of photoinitiator

Safety and Handling

DGENCURE EDB should be handled in accordance with good industrial practice. Detailed information is provided in the Safety Data Sheet.

Important Notice

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