

SpeedBlock DP74

Feb-2022 v.8

Technical Data Sheet

General Information

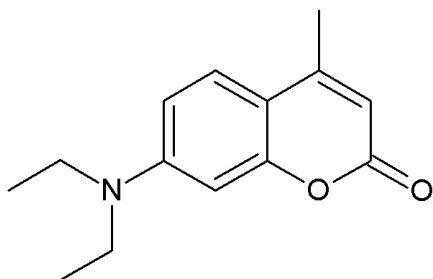
SpeedBlock DP74 is a fluorescent whitening agent, with excellent stability in low pH systems, for use in ink and coating applications. SpeedBlock DP74 is used in warm white and pastel tones where the degree of whiteness of the paint/ink needs intensifying. SpeedBlock 74 will mask the yellow self colour of some formulations and will increase the deep tone of blue/black inks. SpeedBlock 74 is recommended for use at concentrations between 0.02 - 5.0%. The actual use level chosen depends on the particular application and end user requirements

Chemical Name

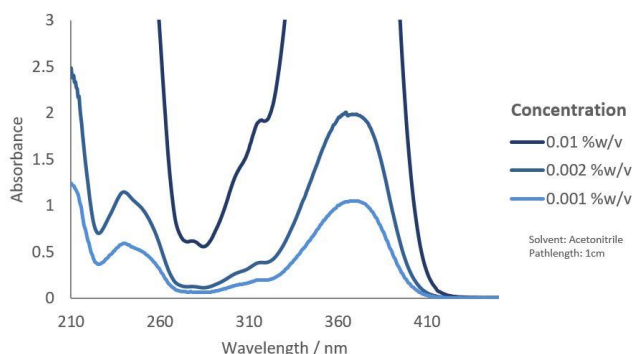
7-diethylamino-4-methylcoumarin

CAS Number	EC Number	Mol. Wt.
91-44-1	202-068-9	231.3

Structure



UV Spectrum



Specification (LAM 398)

Appearance :	Off-white crystalline powder
Assay (By GC Area %) :	≥ 98.0 %
Melting Point Range :	68.0 - 72.0 °C
Water Content (Karl Fischer) :	≤ 0.5 %w/w

Applications

- Polymer processing e.g. epoxides and polystyrenes
- Coatings and varnishes
- Oil markers

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) HAZARDOUS
Class 9 Packing Group III UN 3077

Global Inventories

EINECS, TSCA, DSL, AICS, NZIoC, IECSC, CSCL, ECL, PICCS, TSCI

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