

SpeedCure XFs

Feb-2022 v. 8

Technical Data Sheet

General Information

SpeedCure XFs is a blend of difunctional and monofunctional Norrish Type I photoinitiators from the hydroxyacetophenone family, with an absorption maximum at 252 nm. SpeedCure XFs provides low yellowing, surface cure and increased reactivity when used at 0.5-5 wt% in UV curable formulations.

Chemical Name

A mixture of 2-hydroxy-2-methyl-1-phenylpropan-1-one and 2,3-dihydro-6-(2-hydroxy-2-methyl-1-oxopropyl)-1,1,3-trimethyl-3-[4-(2-hydroxy-2-methyl-1-oxopropyl)phenyl]-1H-indene

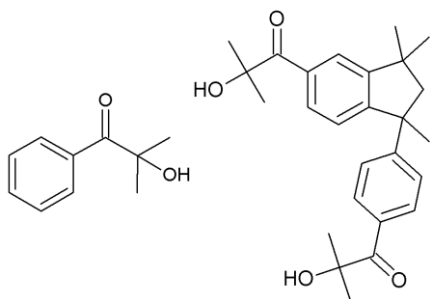
CAS Number

7473-98-5, 163702-01-0

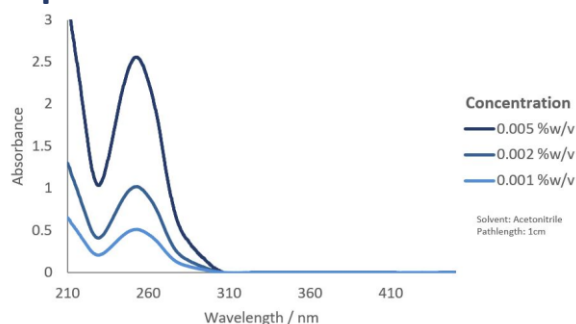
EC Number

231-272-0, 402-990-3

Structure



UV Spectrum



Specification (LAM 357)

Appearance :

Pale yellow clear liquid

Water Content (Karl Fischer) :

≤ 0.5 %w/w

Gardner Colour (20%w/v Acetone) :

≤ 7.0

E1/1 (252nm, Acetonitrile) :

≥ 450.0

Applications

- Clear coatings
- Pigmented systems
- Electronics
- Adhesives

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) NON-HAZARDOUS

Global Inventories

REACH, ELINCS, TSCA, DSL or NDSL, NZIoC, IECSC, ISHL, CSCL, ECL, TSCI

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