

Technical Data Sheet

General Information

SpeedCure 500 is a blend of Norrish Type I and Norrish Type II photoinitiators from the hydroxyacetophenone and benzophenone families, with an absorption maximum at 249 nm. SpeedCure 500 provides high reactivity and surface cure when used at 0.5-5 wt% and combined with an amine synergist in UV curable formulations.

Chemical Name

A mixture of 1-hydroxycyclohexyl phenyl ketone and benzophenone (A mixture of Speedcure 84 and Speedcure BP)

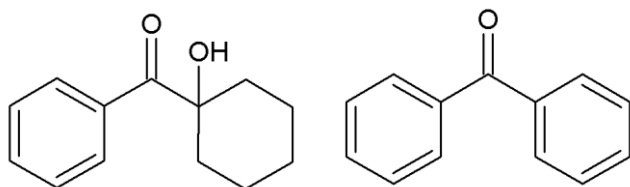
CAS Number

947-19-3, 119-61-9

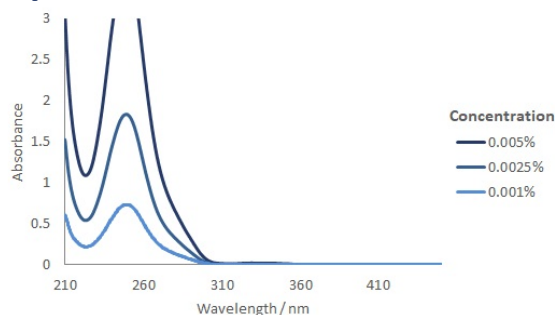
EC Number

213-426-9, 204-337-6

Structure



UV Spectrum



Specification (LAM 232)

Appearance :

SpeedCure 84 Content (By GC Area %) :

SpeedCure BP Content (By GC Area %) :

Colourless to slight yellow liquid

45.0 - 55.0 %

45.0 - 55.0 %

Applications

- Clear coatings
- Pigmented systems
- White pigmented systems
- Black pigmented systems
- Water based systems
- 3D printing
- Adhesives
- Composites

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

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