

SpeedCure 84

Feb-2022 v.12

Technical Data Sheet

General Information

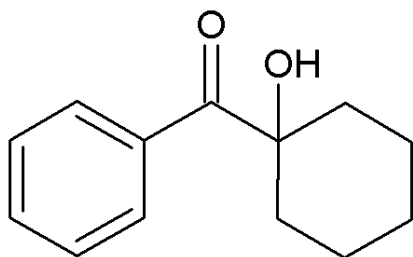
SpeedCure 84 is a Norrish Type I photoinitiator from the hydroxyacetophenone family, with an absorption maximum at 244 nm. SpeedCure 84 provides low yellowing and surface cure when used at 0.5-5 wt% in UV curable formulations.

Chemical Name

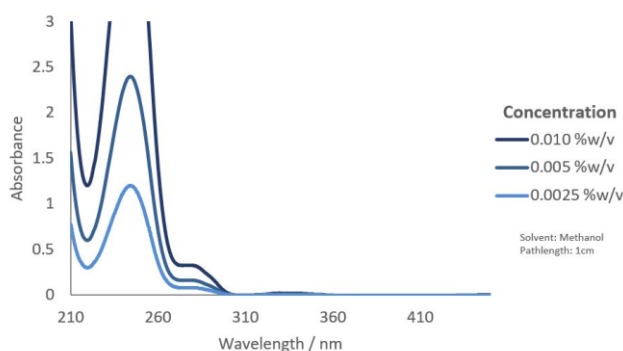
1-hydroxycyclohexyl phenyl ketone

| CAS Number | EC Number | Mol. Wt. |
|------------|-----------|----------|
| 947-19-3 | 213-426-9 | 204.3 |

Structure



UV Spectrum



Specification (LAM 171)

| | |
|-----------------------------------|----------------|
| Appearance : | White solid |
| Purity (GC) : | ≥ 99.0 %area |
| Melting Range : | 46.0 - 50.0 °C |
| Loss on Drying (40°C, 16 hours) : | ≤ 0.5 %w/w |

Applications

- Clear coatings
- Pigmented systems
- Water based systems
- 3D printing
- 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, EINECS, TSCA, DSL, AICS, NZIoC, IECSC, ISHL, CSCL, ECL, PICCS, TSCI

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