

SpeedCure 2959

Feb-2022 v.8

Technical Data Sheet

General Information

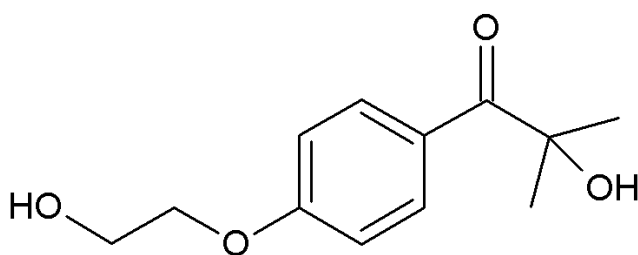
SpeedCure 2959 is a water dispersible Norrish Type I photoinitiator from the hydroxyacetophenone family, with absorption maxima at 219 and 275 nm. SpeedCure 2959 provides low yellowing and surface cure when used at 0.5-5 wt% in UV curable formulations.

Chemical Name

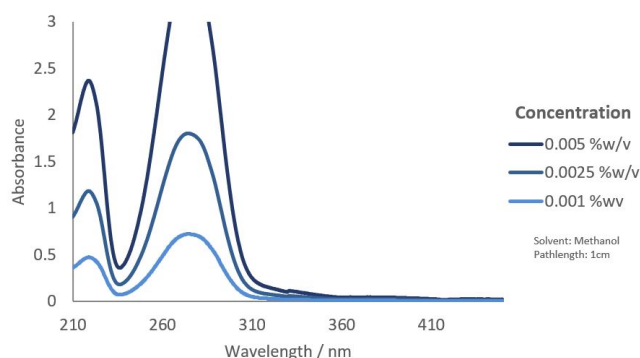
1-[4-(2-hydroxyethoxy)-phenyl]-2-hydroxy-2-methylpropan-1-one

CAS Number	EC Number	Mol. Wt.
106797-53-9	402-670-3	224.3

Structure



UV Spectrum



Specification (LAM 315)

Appearance :	White to off-white solid
Purity (HPLC) :	≥ 98.0 %area
Melting Range :	86.0 - 90.0 °C
Loss on Drying (60°C, 3 hours, 50-100mbar) :	≤ 0.5 %w/w

Applications

- Clear coatings
- Pigmented systems
- White pigmented systems
- Water based systems

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, AICS, NZIoC, IECSC, ISHL, CSCL, ECL, PICCS, TSCI

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