

SpeedCure 2-ITX

Feb-2022 v.10

Technical Data Sheet

General Information

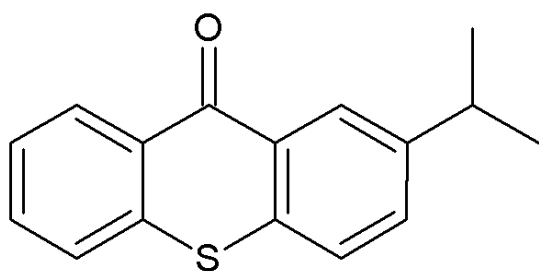
SpeedCure 2-ITX is a Norrish Type II photoinitiator of the thioxanthone family, with absorption maxima at 259 and 383 nm. SpeedCure 2-ITX provides long wavelength sensitisation of appropriate photoinitiators and depth cure when used at 0.1-5 wt% and combined with an amine synergist in UV and LED curable formulations.

Chemical Name

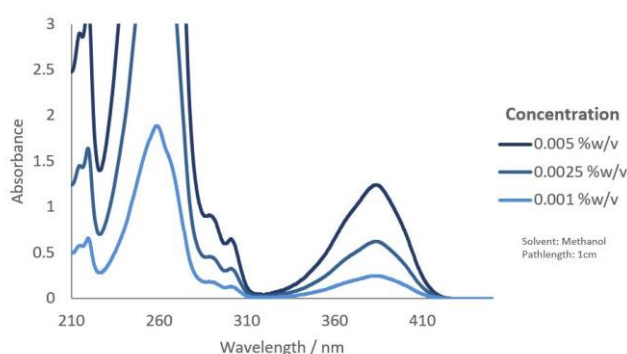
2-Isopropylthioxanthone

CAS Number	EC Number	Mol. Wt.
5495-84-1	226-827-9	254.3

Structure



UV Spectrum



Specification (LAM 217)

Appearance :	Cream to pale yellow solid
Purity (GC) :	≥ 98.0 %area
Melting Range :	70.0 - 76.0 °C
Loss on Drying (60°C, 3 hours, 50-100mbar) :	≤ 0.5 %w/w

Applications

- Pigmented systems
- Black pigmented systems
- LED curing

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

REACH, EINECS, TSCA, DSL, AICS, NZIoC, IECSC, ISHL, ECL, PICCS, TSCI

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