

# SpeedCure TPO-L

Aug-2020 v. 7

## Technical Data Sheet

### General Information

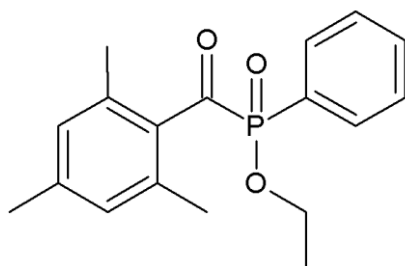
SpeedCure TPO-L is a liquid Norrish Type I photoinitiator from the phosphine oxide family, with absorption maxima at 274, 290 and 370 nm. SpeedCure TPO-L provides high reactivity and depth cure when used at 0.5-5 wt% in UV and LED curable formulations.

### Chemical Name

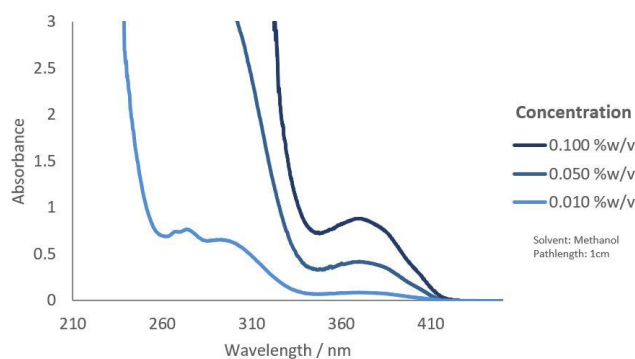
Ethyl (2,4,6-trimethylbenzoyl) phenyl phosphinate

CAS Number	EC Number	Mol. Wt.
84434-11-7	282-810-6	316.3

### Structure



### UV Spectrum



### Specification (LAM 331)

Appearance :

Purity (GC) :

Loss on Drying (60°C, 3 hours, 50-100mbar) :

Acid Value :

Yellow liquid

≥ 94.5 %area

≤ 1.0 %w/w

≤ 1.0 mgKOH/g

### Applications

- LED curing
- Electronics
- 3D printing
- Adhesives
- Composites
- Clear coatings
- Pigmented systems
- White pigmented systems
- Black 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) HAZARDOUS

Class 9 Packing Group III UN 3082

### Global Inventories

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

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