SARTOMER®

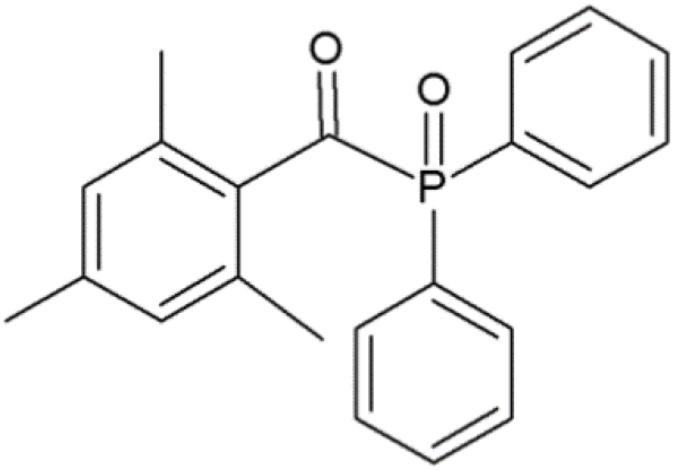
TECHNICAL DATA SHEET

SpeedCure TPO

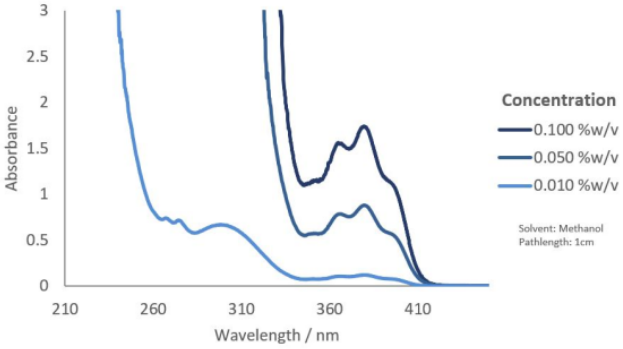
2,4,6-trimethylbenzoyldiphenylphosphine oxide

DESCRIPTION

SpeedCure TPO is a Norrish Type I photoinitiator from the phosphine oxide family, with absorption maxima at 267, 298 and 380 nm. SpeedCure TPO provides high reactivity and depth cure when used at 0.5-5 wt% in UV and LED curable formulations.



UV SPECTRUM



SHELF LIFE

Typical shelf-life is **24** months from the manufacture date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided.

STORAGE AND HANDLING

Store in the dark in the original, closed container, in a dry, cool (20-°C) and well-ventilated place.
Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources.

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

SALES SPECIFICATIONS

Appearance	Pale yellow solid
Purity (%)	≥ 97.0
Melting Range (°C)	90.0 - 95.0
Acid Value (mgKOH/g)	≤ 4.0

PERFORMANCE

Clear Coatings
Depth Cure
LED
Low Yellowing
Pigmented Systems

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Composites
Flexographic inks
Industrial coatings
Offset inks
Overprint varnishes
Screen inks
Wood coatings

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