

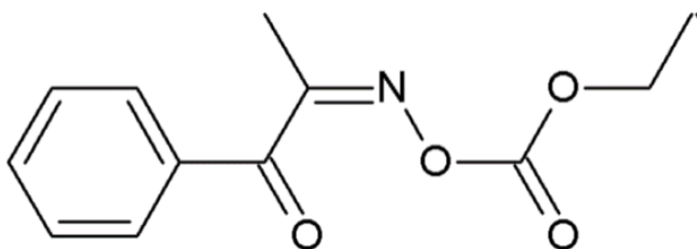
TECHNICAL DATA SHEET

SpeedCure PDO

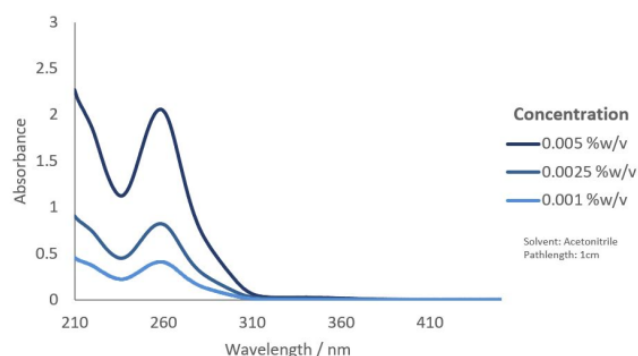
1-phenyl-1,2-propanedione-2-(O-ethoxycarbonyl) oxime

DESCRIPTION

SpeedCure PDO is a Norrish Type I photoinitiator from the oxime ester family, with absorption maximum at 259 nm. SpeedCure PDO provides high reactivity, low yellowing and low volatiles when used at 0.5-5 wt% in UV formulations for electronics applications.



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	White to pale cream powder
Purity (%)	≥ 96.0
Melting Range (°C)	58.0 - 61.0
Water Content (%)	≤ 0.5
Chloride Content (ppm)	≤ 5.0
Sulphated Ash (%)	≤ 0.2
Sodium Content (ppm)	≤ 5.0
Calcium Content (ppm)	≤ 1.0
Potassium Content (ppm)	≤ 1.0
Iron Content (ppm)	≤ 1.0
Copper Content (ppm)	≤ 1.0

PERFORMANCE

Clear Coatings
Colour filter matrix, photoresist
Low Yellowing
Surface Cure

SUGGESTED APPLICATIONS

Electronics

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