SARTOMER®

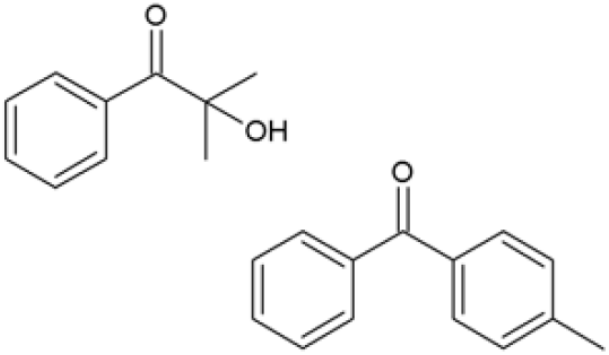
TECHNICAL DATA SHEET

SpeedCure 510

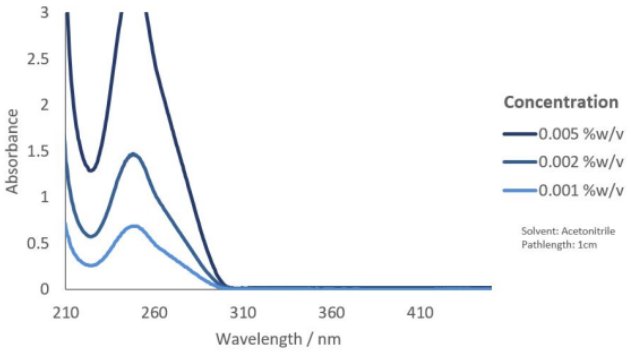
A formulation of 2-hydroxy-2-methylpropiophenone and 4-methylbenzophenone

DESCRIPTION

SpeedCure 510 is a formulation of Norrish Type I and Norrish Type II photoinitiators from the hydroxyacetophenone and benzophenone families, with an absorption maximum at 249 nm. SpeedCure 510 provides high reactivity and surface cure when used at 0.5-5 wt% and combined with an amine synergist in UV 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.
May crystallise during storage at ambient temperature. Warm to 35-40°C and mix thoroughly prior to use.

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

SALES SPECIFICATIONS

Appearance	Colourless to pale yellow clear liquid @40°C
Active content (%)	≥ 98.0
Color (Pt/Co or APHA)	≤75.0

PERFORMANCE

Clear Coatings
Low Yellowing
Pigmented Systems
Surface Cure

SUGGESTED APPLICATIONS

Flexographic inks
Industrial coatings
Offset inks
Overprint varnishes
Screen inks
Wood coatings

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