








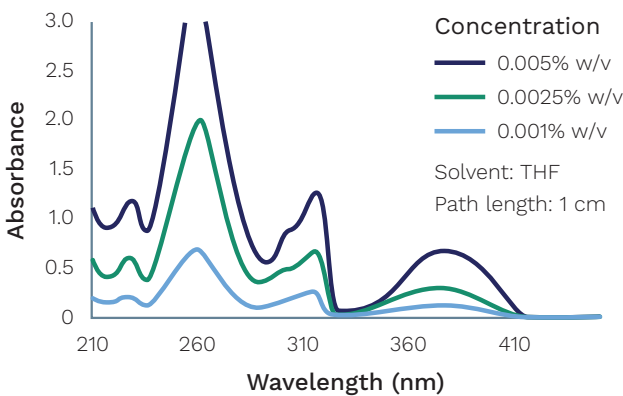
## SPEEDCURE 7010

LOW MIGRATION POLYMERIC TX PHOTOINITIATOR FOR UV/LED CURING

### KEY BENEFITS

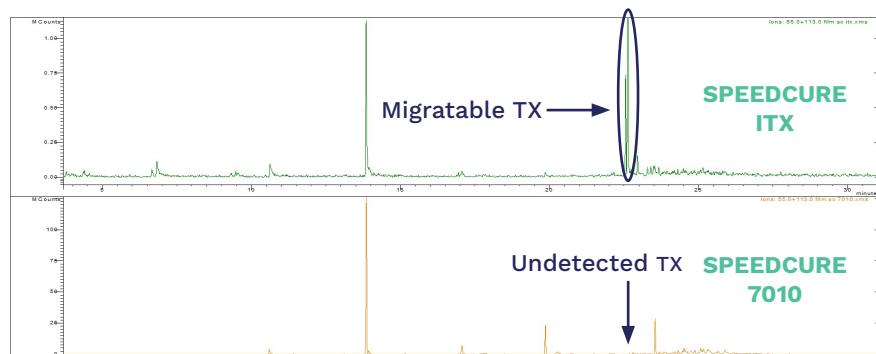
 High molecular weight	 UV & LED curing	 Low migration	 Non-ITX based polymer	 Good flexibility	 Global availability	 Sensitiser for LED cationic formulations
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### ABSORPTION SPECTRA



Can be activated when irradiated with standard LED sources (wavelength of 365 nm or 395 nm). Standard mercury, gallium, and HUV lamps can also be used.

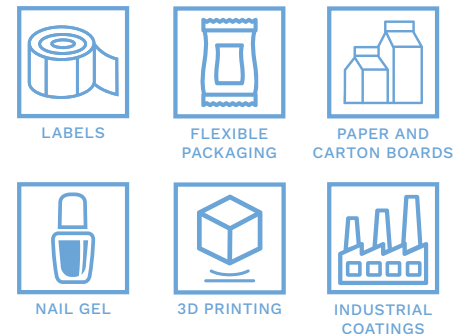
### GC/MS MIGRATION DATA



### SPECIALTY INKS & COATINGS



### APPLICATIONS



Cured films extracted in acetonitrile after 24h @ 40°C. Formulations contain 10% active TX content, 60% difunctional acrylates and 30% trifunctional acrylates.

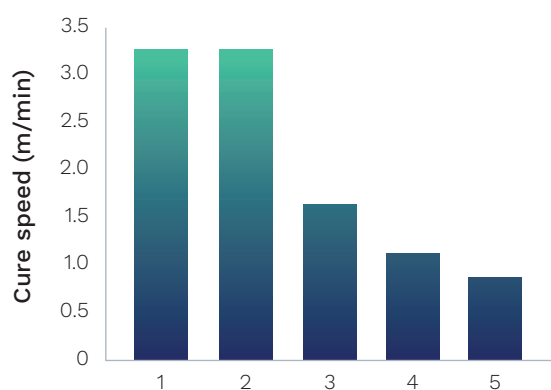
### REGISTRATIONS

- REACH Classified
- Swiss Ordinance Listed
- TSCA Compliant

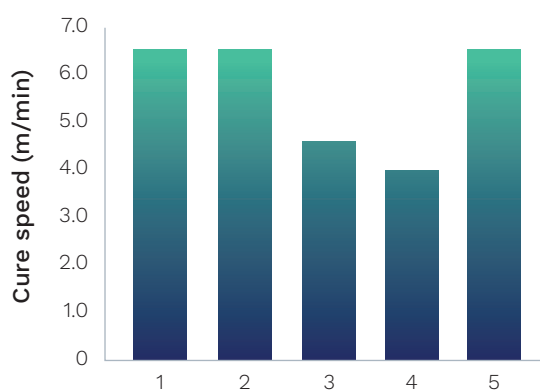
## REACTIVITY IN A DIGITAL INKJET INK

	Formulation 1 (wt %)	Formulation 2 (wt %)	Formulation 3 (wt %)	Formulation 4 (wt %)	Formulation 5 (wt %)
Commercial cyan UV inkjet ink	87	87	87	87	87
SPEEDCURE 2-ITX	5	-	-	-	-
SPEEDCURE DETX	-	5	-	-	-
SPEEDCURE 7010	-	-	5	-	-
Competitor polymeric TX 1	-	-	-	5	-
Competitor polymeric TX 2	-	-	-	-	5
Amine Synergist Sartomer® CN3715	8	8	8	8	8

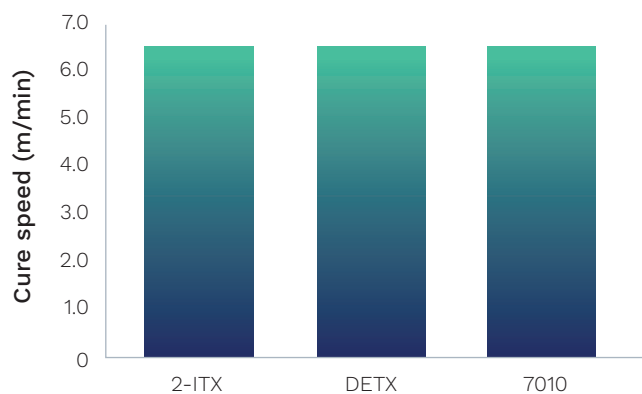
### Hg LAMP



### 395 nm LED



At the same wt %, 7010 shows half the reactivity of 2-ITX or DETX under mercury lamp and two thirds the reactivity under LED



At the same TX %, the reactivity of 7010 vs. 2-ITX/DETX is the same under 395 nm LED

❖ SPEEDCURE 7010 IS ALSO AVAILABLE AS A LIQUID VERSION

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