

SEQENS

ADVANCED SPECIALTIES

VICURE 55

UV Photoinitiator

Synonyms/Trade names

Methyl benzoylformate

CAS Number

15206-55-0



CONTINUUM OF PROGRESS

VICURE 55 is a clear liquid used as a photoinitiator with an absorption maximum at 244nm for UV curable coatings and inks.

After exposure to UV light, as a type II photoinitiator, **VICURE 55** undergoes a photochemical reaction which forms free radicals.

VICURE 55 is an efficient photoinitiator used to initiate radical polymerization of

unsaturated oligomers such as acrylates, methacrylates, vinyls and unsaturated polyesters through the unsaturated groups present in the methyl benzoylformate system.

VICURE 55 can be used alone or in combination with other photoinitiators in formulations.

VICURE 55 properties:

- Low temperature curing
- Low VOC content
- Recommended level of use : 0.5 to 5% by weight

Specifications

TESTS	METHODS	SPECIFICATIONS
Appearance	Visual	Clear liquid
Purity	GC (MA 2016)	Min. 97.0 %
Water content	Karl Fischer (MA 3026)	Max. 0.5 %
Benzoic acid content	Acid Index (MA 3033)	Max. 1.2 %
Color GARDNER	Visual	Max. 3

Packaging: 20 kg plastic drum

Safe Use and Handling: For specific safe use and handling information or to obtain the VICURE 55 Safety Data Sheet, contact your local SEQENS Advanced Specialties representative.

Shelf Life: Shelf life of VICURE 55 is 24 months, when product is stored in the conditions recommended in the MSDS. After this period, the product can be retested for shelf life extension if needed.

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