

# SEQENS

ADVANCED SPECIALTIES

## VICURE 25

Copolymerisable photoinitiator

Synonyms/Trade names

Benzoin Acrylate  
2-oxo-1,2-diphenylethyl  
acrylate

CAS Number

18994-98-4



CONTINUUM OF PROGRESS

**VICURE 25** is a white crystalline solid used as a copolymerisable photoinitiator.

**VICURE 25** is an efficient UV radical photoinitiator for polymerization and crosslinking of mono- and multi-functional unsaturated monomers.

**VICURE 25** is a photoinitiators having a copolymerizable double bond with enhanced radical stability, improved photosensitivity and better compatibility

in the formulation. It also has a high molecular weight, low volatility and reduced odor compared to benzoin alkyl ethers photoinitiators.

**VICURE 25** is widely used for (meth)acrylate polymerization and can also be used for UVcurable inks.

SEQENS Advanced Specialties is the only source of **VICURE 25** in Europe.

#### **VICURE 25** properties:

- high photosensitivity
- good mixing properties in the formulation
- recommended level of used between 0,1 to 2% by weight

#### Specifications

TESTS	METHODS	SPECIFICATIONS
Appearance	Visual	White to slightly yellow powder
GC : Purity (area % )	MA 1058	Min. 98 %
GC : adduct content	MA 1058	Max. 0.5 %
GC : benzoin + benzyl content	MA 1058	Max. 1.0 %
Absorbance (400nm)	MA 1058	Max. 0.25
Loss on drying (3h- 60°C)	Ph.Eur 2.2.32	Max. 2.0 %
Melting point	MA 1058	106 to 110 °C

**Packaging:** 30.6 kg neo kraft drums

**Safe Use and Handling:** For specific safe use and handling information, or to obtain the VICURE 25 Safety Data Sheet, contact your local SEQENS Advanced Specialties representative.

**Shelf Life:** Shelf life of VICURE 25 is 6 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.

# SEQENS

ADVANCED SPECIALTIES

PCAS  
21 chemin de la sauvegarde  
69134 ECULLY CEDEX  
FRANCE

[WWW.SEQENS.COM](http://WWW.SEQENS.COM)

