

# semaSORB<sup>®</sup> 20109

UV-Absorber

CAS: 187245-35-8

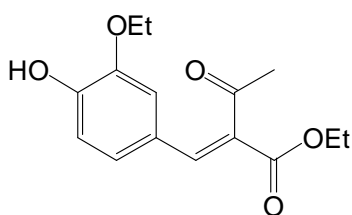
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## Product description

Light - protective substance for technical application e.g. acrylic- resin, acrylic-varnish, vinyl-varnish, adhesive, paint, fluorescent pigments, PUR, CTA, CDA, PP, PVC, PMMA  
required concentration 0,5 - 1.5 wt%, compatible with HALS.

## Specifiaction



### Formula

C<sub>15</sub>H<sub>18</sub>O<sub>5</sub>

### Molecular-weight

278,30 g·mol<sup>-1</sup>

### Chem. name

(E)-Ethyl 2-(3-ethoxy-4-hydroxybenzylidene)-3-oxobutanoate

### Appearance

Light yellowish, crystalline

### Melting point

132-133°C

### Identity

NMR / ESI-MS

### Appearance in solution (1 %, ethanol)

Clear, colourless

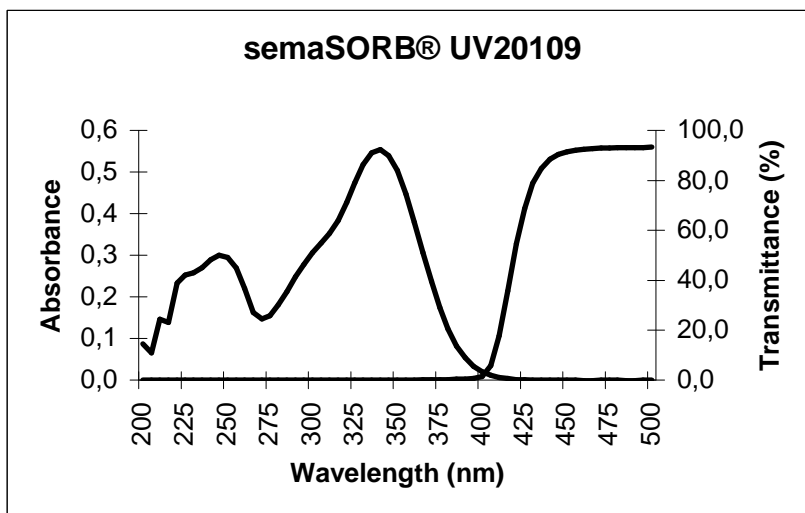
## Solubility at 20°C, wt%

Acetone	6.00
Ethanol	0.50
Methanol	1.00
Iso-propanol	< 1.00
Ethyl acetate	1.00
Butyl glycol	0.50
Dichloromethane / Methanol (9:1)	6.00
Tripropylenglycoldiacrylate	1.00
gasoline	< 0.01
o-Xylene	< 0.01
Cyclohexanone	< 0.01
Water	< 0.01

**UV-Spectrum**

absorbance: 10mg/l ethanol

transmittance: 1g/l ethanol

**Storage**

Store at room temperature in closed original box.

**Note**

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

**se ma Gesellschaft für Innovationen mbH**

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