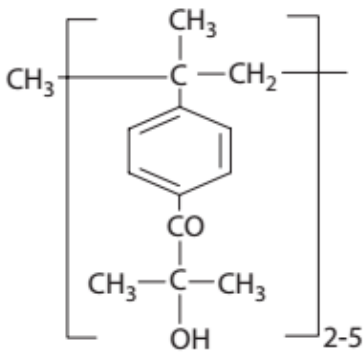


Product Data Sheet

General Information

Esacure KIP 150 is an oligomeric polyfunctional α -hydroxyketone characterised by high reactivity and non-yellowing properties. It is particularly recommended when low VOC, low odour and low yellowing are required characteristic.

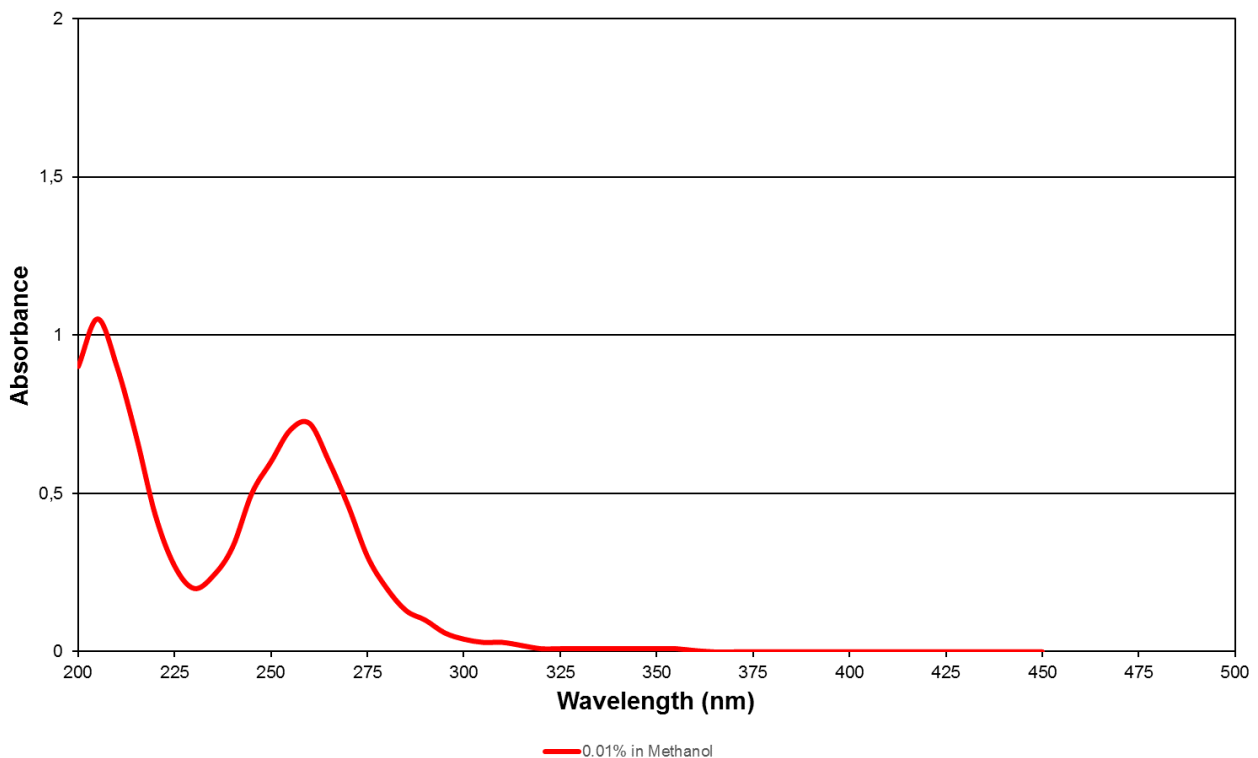
Chemical Data



Chemical Name: Oligo [2-hydroxy-2-methyl-1[4-(1-methylvinyl)phenyl] propanone]
Molecular weight: approx. 800 g/mol
CAS No: 163702-01-0

Absorption Spectrum

Esacure KIP 150



Specification

Appearance	Visual @ 80°C	Very viscous liquid
Color	Gardner	≤ 13
Methylene Chloride content	HS-GC analysis	≤ 0.1 %
Absorbance	Spectrophotometer	625.0 - 725.0

Additional Typical Properties

Solubility: insoluble in water, soluble in most common organic solvents, monomers and oligomers for UV applications.

Application

Esacure KIP 150 may be used, after adequate testing, in applications such as Graphic Arts (OPV and printing inks), Adhesives and Clear coatings for wood, paper, plastic, optical fibres etc.

Formulated product properties will depend on the actual reactive monomers, oligomers and additives utilized.

Recommended Addition levels

Optimum concentration is between 0.5% and 5% by weight and depends on system composition, thickness, and desired cure speed.

Storage & Handling

Storage must be in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight.

Avoid contact with alkaline additives and water. Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months.

Esacure KIP 150 should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available on request.

Regulatory Status

All information can be found on MSDS (Material safety data sheet) and RIS (Regulatory Information Sheet) available upon request.

Packaging

Esacure KIP 150 is available in 25 kg and 200 kg drums.

Disclaimer:

The information presented in this data sheet is given in good faith and is based on the material available to us at the time of writing. The information is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission or recommendation to practice any patented invention without a license. It is offered solely for consideration, investigation and verification.

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