

# Tinuvin<sup>®</sup> 5341

Light stabilizer blend

## Product description

Tinuvin<sup>®</sup> 5341 is a liquid light stabilizer blend containing UV absorber and HALS components for coatings. Its high thermal stability and permanence makes it suitable for coatings exposed to high bake temperatures and/or extreme environmental conditions. It has been designed to fulfill the high performance and durability requirements of automotive and industrial high quality finishes.

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## Properties

### Physical form

Viscous slightly yellow to yellow liquid

### Technical data

(not supply specification)

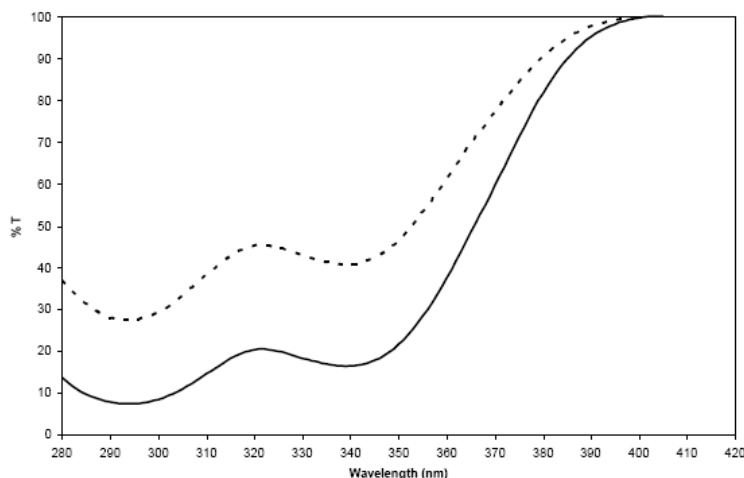
Density, dynamic	(20 °C)	1.04 g / cm <sup>3</sup>
Flash point	DIN EN 22719; ISO 2719 (closed cup)	46.6 °C

### Miscibility

Tinuvin<sup>®</sup> 5341 is miscible to more than 50 % with most commonly used paint solvents. Water solubility is less than 0.01 %.

## Spectral property

UV transmittance  
(20 mg/l and 40 mg/l in chloroform; cell thickness = 1 cm)



### Legend

Dotted line	20 mg/l (0.002 % $\approx$ 0.50 % active in 40 $\mu$ m)
Solid line	40 mg/l (0.004 % $\approx$ 1.00 % active in 40 $\mu$ m)

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## Application

Tinuvin® 5341 is recommended for automotive OEM and refinish coating systems as well as industrial coatings where high thermal stability and permanence along with long life performance are essential. These include acid catalyzed systems and particularly high solid one or two coat metallic thermosetting acrylics as well as polyester coatings. Tinuvin® 5341 combines excellent protection against gloss reduction, delamination, cracking, blistering and color change.

### Recommended concentrations

The concentration of Tinuvin® 5341 depends on dry-film thickness and desired degree of protection. In recommended applications the concentration levels typically range from 1.5 – 4.0 % by weight on binder solids depending on substrate and processing conditions. The amount required for optimum performance should be determined in trials covering a concentration range.

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## Storage

Keep container tightly closed in a cool place.

### Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

### 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. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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