

Tinuvin® B 75

Product description	Tinuvin® B 75 is a liquid heat and light stabilizer blend containing a benzotriazole-based UV absorber, a basic HALS as well as a phenolic antioxidant for adhesives and sealants.
Key benefits	<ul style="list-style-type: none"> ■ Medium long-term performance and thermal stability ■ Broad spectral coverage makes it suitable for a wide range of adhesives and sealants ■ Easy to dose synergistic blend
Chemical nature	Synergistic blend of phenolic antioxidant, UV-absorber and a basic HALS.

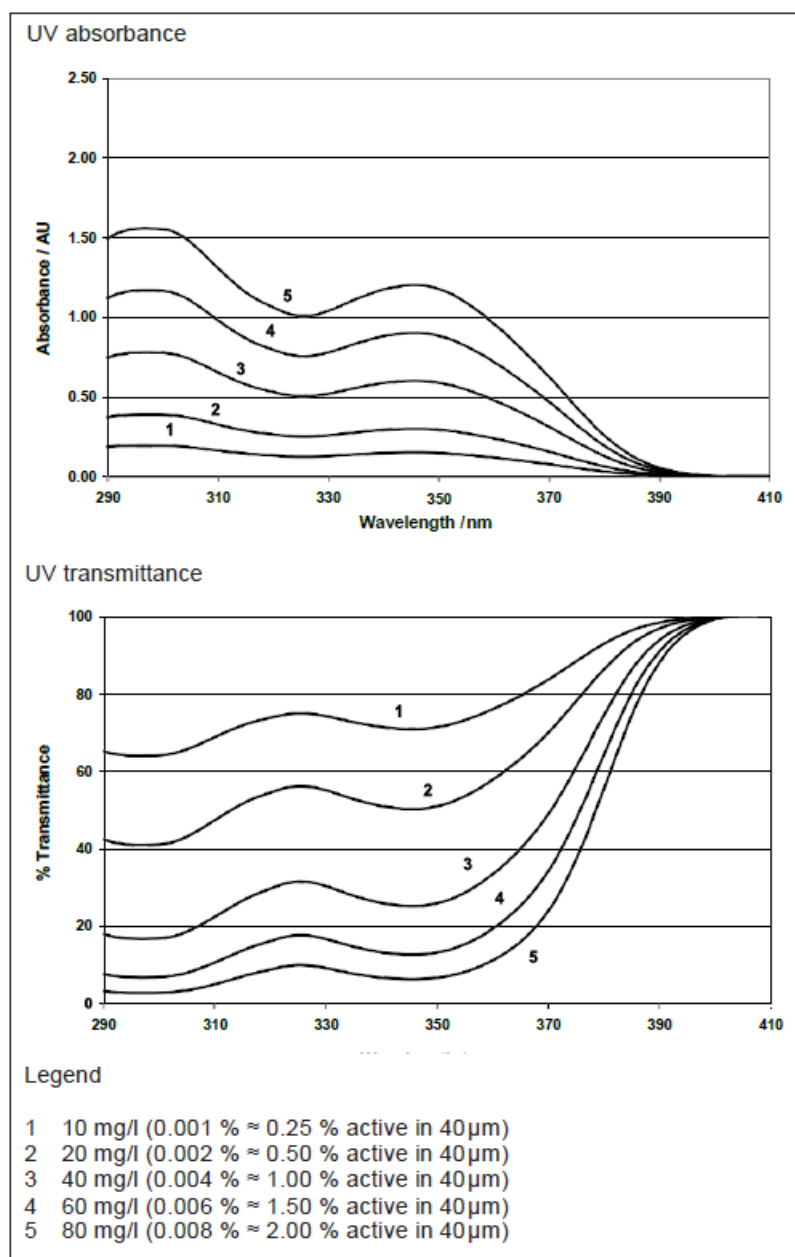
Properties

Physical form Clear, yellow liquid

Technical data	Viscosity, dynamic	DIN 53018/53019 (20 °C)	~ 930 mPa.s
(not supply specification)	Density	DIN 51757 (20 °C)	0.97 – 1.01 g/cm³
	Flash point	DIN EN ISO 13736	202 – 206 °C

Miscible with most common organic solvents, practically immiscible with water

Spectral properties



The theoretical concentration in an applied 40 μ m clear coat was calculated as a function of the concentration in toluene with the help of the Lambert-Beer law. Spectra were recorded in toluene, light path length = 1 cm.

Application

Fields of application Adhesives and sealants

Binder systems

- Medium long-term performance and thermal stability
- Broad spectral coverage makes it suitable for a wide range of adhesives and sealants
- Easy to dose synergistic blend

Caution: The containing basic HALS can undergo acid/base interactions with formulation components such as biocides, surfactants and pigments. It can also interfere with acid-catalyzed crosslinking reactions or retard the curing of some oxidative-curing systems.

Recommended concentrations

In adhesives, the concentration levels for Tinuvin® B 75 range typically between 0.5 % and 1.0 %. In sealant applications, the used levels of Tinuvin® B 75 range between 0.2 % and 0.5 %. The amount required for optimum performance should be determined in trials covering a concentration range.

Storage

When kept in original unopened containers and at temperatures of 5 – 35 °C.

Tinuvin® B 75 can be stored for up to 3 years from the date of manufacture.

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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