

**Schill+Seilacher**

Technical Data Sheet

**STRUKTOL® LV 418**

Thickening agent for natural rubber latex

**Composition**

Aqueous solution of ammonium salt of methacrylic acidacrylic ester copolymer

**Properties**

Appearance		clear to slightly cloudy, viscous liquid
Solids content	[%]	6.5
Density	[kg/m <sup>3</sup> ]	1000
pH value		9
Physiological behaviour		refer to safety data sheet
Storage stability		At least 6 months if stored in a closed container. Transport and storage at temperatures above 0 °C is imperative!
Packaging		180 kg drum 20 kg can

The data given are typical values which are not intended for use in preparing specifications.

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## Recommendations for Application

STRUKTOL® LV 418 is a UV stable, ready to use (no pre-formulation required) thickening agent for polymer dispersions and other aqueous systems.

The pH value of the compound to be thickened must be 8 or higher, otherwise gel-like particles that cannot be homogenized will be created.

The following procedure should be followed carefully when adding to latex:

- STRUKTOL® LV 418 may be diluted with water before use. Depending on application, the recommended STRUKTOL® LV 418 / water ratio ranges from 1:1 to 1:10.
- The diluted STRUKTOL® LV 418 should be added as last ingredient in the mixture.
- The manufacturing process of STRUKTOL® LV 418 cannot guarantee an air bubble free end product. For a foam-free compound, vacuum degassing or a defoaming agent such as STRUKTOL® LD 183 is recommended.

## Dosage

Depending on the desired viscosity, 1 – 10 % STRUKTOL® LV 418 is required.

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testings to ensure suitability for intended processes and use. Liability is only accepted in case of intention or gross negligence. Liability for any defects caused by minor negligence are not accepted. Each producer is responsible and liable to observe legislation and patent rights of third parties.

This new leaflet replaces all previously printed documentation.

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