

TEGO® Protect 5100 N

DESCRIPTION

TEGO® Protect 5100 N is an emulsion of a hydroxyfunctional polydimethylsiloxane.

KEY BENEFITS

- easy-to-clean effect
- stain resistance
- with additional release effect

SUITABILITY

waterborne	2-pack polyurethane
●	●
alkyd resins	epoxy resins
●	●

● not suitable ● partly suitable ● suitable

TECHNICAL DATA

delivery form	emulsion
hydroxy value (calculated on non-volatile content)	Approx 25 mg KOH/g
non-volatile content	Approx. 55 %

SOLUBILITY

Water	Acetone
●	●
n-Butanol	
●	

● not soluble ● partly soluble ● soluble

TYPICAL APPLICATIONS

- Protective coatings
- General industrial coatings
- Leather coatings
- Architectural paints

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 2.0 - 8.0 %

PROCESSING INSTRUCTIONS

- The compatibility with the binder(s) should be checked.
- In clear formulations incorporate under strong agitation.
- Addition to the grind is recommended in pigmented formulations.

HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture. However, contact with tin (e.g. with metal containers) will shorten storage stability.

MSDS & REGULATORY INFORMATION



This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com