

SCHWEGO® pur 8051

Rheological additive for water-based coating systems | VOC-, APEO- and organotin-free

Chemical base Polyurethane dispersion

Properties SCHWEGO® pur 8051 is a non-ionic thickening additive, which has a beneficial influence on the rheological properties of aqueous paint and varnish systems in these respects:

- Thickening effect independent of pH
- Minimum tendency to splatter when using roller
- Effective acceptance of colour when tinting
- High gloss retention
- Good flow and levelling properties

SCHWEGO® pur 8051 can be combined with other thickening additives in order to achieve special effects. The effect of SCHWEGO® pur 8051 is depending on the binder system.

Applications SCHWEGO® pur 8051 is free of organotin and is therefore especially recommended for the use in textile printing inks according to Oeko-Tex® Standard 100. SCHWEGO® pur 8051 is suitable for interior and exterior wall paints, water-based coatings and anticorrosive coatings, modified resin plasters and fillers based on polyacrylates, styrene copolymers or PU-dispersions. SCHWEGO® pur 8051 shows a high gloss retention in glossy emulsion paints compared to acrylic and cellulosic thickening additives.

Technical data (Guide values)	Appearance	whitish transparent liquid
	Density (ISO 2811-1)	1.04 g/cm ³
	Flash point (ISO 1523)	> 100 °C

Processing SCHWEGO® pur 8051 should be added to the mill base. It is recommended to investigate the optimum dosage by preliminary laboratory experiments. An addition of 0.3 - 1.0 % calculated on the whole system is recommended. For predilution, either butyldiglycol/water (25/75) or methoxypropanol can be used. Dilution with water only will lead to viscosity increase.

Storage Do not store SCHWEGO® pur 8051 at temperatures below 5 °C and above 20 °C. Stir it up before use. Keep it in a cool, well-ventilated place.

Subject to appropriate storage, the described properties of SCHWEGO® pur 8051 remain stable for at least 12 months, provided the original container is closed after use.

Packaging 25 kg drum | 150 kg drum

