



TECHNICAL DATA SHEET

Version

EV-PUR P

Urethane Thickener

Product EV-PUR P is Nonionic Urethane associative thickener (HEUR) designed for thickening of water base coatings.

Description EV-PUR P shows a very good balance of low and high shear viscosity.

Main

◇ Good paint flow and Levelling.

Advantages

◇ High gloss development.

◇ Excellent viscosity stability for long term store.

◇ better balance of sag/flow

◇ High film build and better applied hiding.

◇ Excellent Spatter resistance.

◇ Excellent water and alkali resistance.

◇ Resistance to Microbe and it's Enzyme

◇ Low- medium shear viscosity thickener.

Typical Physical

Appearance Slightly hazy viscous liquid

Properties

Solid Content 24 - 26%

Volatile component Water/BDG(80/20)

Specific Gravity at 25°C 1.032-1.036

Viscosity at 25°C 5,500 cPs max

pH 5 - 8

Ionic Charge Nonionic

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Application and Recommended Levels	EV-PUR P is designed as an "associative thickener" which builds up and stabilizes viscosity by forming a network between polyurethane, binder molecules and pigment particles. EV-PUR P can be used alone or in combination with other high shear EV-PUR thickeners as well as with further thickener technologies. The recommended dosage rate is 0.2 – 2.0 % of EV-PUR P as supplied on total formulation, depending on the pigmentation, kind of binder, emulsifier used and co-solvent.
Safety and Handling	EV-PUR P is slightly irritating to the skin and eyes. Avoid contact with skin and eye. When handling wear impervious rubber gloves and goggles/Facemask. For handling/operation where possible contact may occur, a safety shower and eye wash station/facility should be available. Further detailed information can be found in the MSDS sheet. Store in closed container at 5°C -40°C.
Packing	200KGs Plastic Drum

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