

DESCRIPTION

TEGO® VariPlus SK is a very powerful film enhancer, improving the optical and mechanical properties of solventborne inks and coatings. It improves hardness, scratch resistance, adhesion, and gloss. It also helps pigment stabilization and increases color strength.

KEY BENEFITS

- excellent gloss improvement
- very good adhesion on plastics and metals
- very good hardness and scratch resistance

EFFECT

Hardness



Gloss



Viscosity reduction / increase of solids content



Pigment wetting and stabilization



Adhesion improvement (e.g. metal, plastics)



SUITABILITY

waterborne



solventborne



radiation-curing



pigmented coatings



clear coatings



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Plastic coatings
- Printing Inks
- Wood coatings
- Ballpoint pen inks

TECHNICAL DATA

active matter content	100 %
appearance	white pellets
chemical description	polyol resin
glass transition temperature	Approx 90 °C
hydroxyl value (as supplied)	approx. 325 mg KOH/g

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied on total formula weight: 5 - 20 %

PROCESSING INSTRUCTIONS

- Dissolve in corresponding solvent before use.
- Addition to the grind or during the let-down is possible.

HANDLING & STORAGE

When stored in an original unopened packaging between -10 and +30 °C, the product has a shelf life of at least 36 months from the date of manufacture. The product should be stored under the exclusion of air, light and moisture.

MSDS & REGULATORY INFORMATION



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