

Film enhancer

TEGO® Variplus CA

DESCRIPTION

TEGO® Variplus CA shows excellent viscosity reduction and helps accelerate the drying speed. It provides very good adhesion on metal combined with high gloss and good weather resistance.

KEY BENEFITS

- excellent viscosity reduction
- very good adhesion to metals
- excellent gloss improvement

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

- Printing Inks
- Ballpoint pen inks
- General industrial coatings
- Wood coatings

TECHNICAL DATA

active matter content	100 %
appearance	white-to-slightly-yellow pellets
chemical description	ketone-aldehyde condensation resin
glass transition temperature	Approx. 70 °C
hydroxyl value (as supplied)	approx. 110 mg KOH/g
solvent	-

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●
● not soluble ● partly soluble ● suitable	

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.
- Solutions in non-polar solvents may be turbid due to the water content of max. 4%.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 60 months from the date of manufacture.

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