

**DESCRIPTION**

TEGO® Variplus AP improves gloss and adhesion on various metals (e.g. steel, aluminium). As a solvent-free co-binder, it is recommended for high-solid industrial coatings and for UV-offset inks.

**KEY BENEFITS**

- excellent viscosity reduction
- very good adhesion to metals
- reduction of volume shrinkage in radiation curing systems

**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**

- Wood coatings
- General industrial coatings
- High solid industrial coatings
- Printing Inks

**TECHNICAL DATA**

<b>active matter content</b>	100 %
<b>appearance</b>	white pellets
<b>chemical description</b>	ketone-aldehyde condensation resin
<b>glass transition temperature</b>	Approx. 50 °C
<b>hydroxyl value (as supplied)</b>	approx. 5 mg KOH/g
<b>solvent</b>	-

**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, the product has a shelf life of 60 months from the date of manufacture.

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Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | [www.coating-additives.com](http://www.coating-additives.com)