



## **Technical Leaflet**

# Zinpol 295

Art.-No. 212054-01139

Revision: 12.07.13

Acrylic emulsion.

#### **Technical Data:**

Non volatile content, 1h/125 °C, DIN EN ISO 3251, part 1	49% ± 1
pH - value, DIN ISO 976	8 - 9
Density, 20 °C, DIN EN ISO 2811-1	1.046 g/cm <sup>3</sup>
Viscosity, Brookfield, 20 °C, spindle 4/30 rpm, DIN EN ISO 2555	1,250 - 2,750 mPa·s
Tg_(calculated)	- 5 °C
<u>MFFT</u> Minimum film forming temperature, ISO 2115	5 °C
Freeze-/thaw stability	protect from freezing
Delivery form	49% in water

#### **Outstanding Characteristics:**

Excellent adhesion to films and other non-porous substrates.

Excellent water and ice water crinkle resistance.

Excellent gloss on all substrates as applied in finished systems.

Compatibility with most resins and polymers used in inks and coatings.

### **Properties and Application:**

Zinpol 295 is an ideal binding agent for use on **non-porous substrates**, providing scotch tape pull resistance and rub-/scratch resistance in inks and coatings.

This polymer also provides adhesion to metallized stocks, wettability of difficult-to-wet substrates and moderate heat resistance. Zinpol 295 exhibits **good gravure and flexographic printability.** 

The above declarations serve for information purposes only. In particular, they shall not be relevant to define binding specifications for any orders. With respect to any order, the specifications shall be governed by the provisions of the sales contract to be concluded between the parties (e.g. the "product specification"). Any deliveries are exclusively subject to our general standard terms and conditions in their respectively valid version. We will be happy to provide you with the general standard terms and conditions upon your request and they can be downloaded online at http://www.orde.ede/GSTC





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The product improves the adhesion and water resistance of many inks and overprint systems without sacrifice of gloss or other properties. For further improvement of resistance properties we recommend crosslinking with our W'Add 8905.

The storage stability in the originally closed barrel is at storage temperatures from + 5 to + 25 °C six months, counted from the day of the delivery ex works.

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