

Defoamer/deaerator for waterborne formulations

# TEGO® Airex 901 W

## DESCRIPTION

TEGO® Airex 901 W is a highly effective deaerator concentrate based on polyether siloxane technology. Outstandingly effective against micro-foam in a variety of applications.

## KEY BENEFITS

- very effective against micro-foam
- highly suitable for airless or airmix applications
- highly recommended for high-viscosity formulations

## APPLICATION RECOMMENDATION

### Brush application/roller application



### Airless spraying



### Compressed air spraying



### Flexo/gravure printing



### Dip coating, flow coating, curtain coating



### Flooring



## SUITABILITY

|                                             |                                |
|---------------------------------------------|--------------------------------|
| waterborne                                  | solventborne                   |
| ●                                           | ●                              |
| 2-pack 100%                                 | radiation-curing               |
| ●                                           | ●                              |
| addition to the grinding stage              | addition to the let-down stage |
| ●                                           | ●                              |
| ● not suitable ● partly suitable ● suitable |                                |

## TYPICAL APPLICATIONS

- Wood coatings
- General industrial coatings
- Printing Inks
- Protective coatings

## TECHNICAL DATA

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| active matter content | 100 %                                               |
| appearance            | turbid liquid                                       |
| chemical description  | polyether siloxane copolymer, contains fumed silica |
| solvent               | solvent-free                                        |

## SOLUBILITY

|                                          |              |
|------------------------------------------|--------------|
| Water                                    | Ethanol      |
| ●                                        | ●            |
| TPGDA                                    | Butylacetate |
| ●                                        | ●            |
| Mineral Spirits                          |              |
| ●                                        |              |
| ● not soluble ● partly soluble ● soluble |              |

## RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 1.5 %

## PROCESSING INSTRUCTIONS

- Stir before use!
- Addition to the coating as supplied or as a predilution is possible.
- The product needs to be incorporated with high shear forces.
- Long term effectiveness of the product is dependent on the formulation and should be tested in individual formulations.

## HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.

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