

# TEGO® Dispers 740 W

## DESCRIPTION

TEGO® Dispers 740 W is a non-ionic wetting and dispersing additive for waterborne dispersions. Provides high color strength with organic pigments. Can be used as co-additive in base paints to improve the color acceptance.

## KEY BENEFITS

- good color strength with organic pigments
- cost efficient
- solvent-free and label-free

## EFFECT

### Viscosity reduction with organic pigments/carbon blacks



### Color intensity/gloss with organic pigments/carbon blacks



### Viscosity reduction with inorganic pigments/fillers



### Color intensity/gloss with inorganic pigments/fillers



## SUITABILITY

<b>waterborne</b>	<b>solventborne</b>
●	●
<b>2-pack 100%</b>	<b>radiation-curing</b>
●	●
<b>direct grind</b>	<b>resin-containing pigment concentrates</b>
●	●
<b>resin-free pigment concentrates</b>	<b>universal pastes</b>
●	●

● not suitable ● partly suitable ● suitable

## TYPICAL APPLICATIONS

- Pigment concentrates
- Architectural paints
- General industrial coatings

## TECHNICAL DATA

<b>active matter content</b>	100 %
<b>appearance</b>	yellowish, clear to slightly hazy liquid (product properties are not affected by haziness)
<b>chemical description</b>	non-ionic, modified fatty acid derivate; aromatic-, amine- and alkylphenoethoxylate-free
<b>pH-value</b>	approx. 6

## SOLUBILITY

<b>Water</b>	<b>Ethanol</b>
●	●
<b>TPGDA</b>	<b>Butylacetate</b>
●	●
<b>Mineral Spirits</b>	
●	

● not soluble ● partly soluble ● soluble

## RECOMMENDED ADDITION LEVEL

Solid calculated on main binder solid: 4.0 - 20.0 %  
As supplied calculated on inorganic pigment: 10.0 - 40.0 %  
Recommended addition level for co-grind: 0.5 - 2.0 %

## PROCESSING INSTRUCTIONS

- Add to the grind before dispersion.
- A long mixing time is recommended as the product only dissolves slowly in water.

## HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

## MSDS & REGULATORY INFORMATION



This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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)