

## DISPOL OT

Dispol OT is a highly effective anionic surfactant, especially designed to maximize open – time in low VOC water-borne paints, while performing as dispersing agent for organic and inorganic pigments in water-borne pigment preparations.

|                             | Unit              | Value                             | Method           |
|-----------------------------|-------------------|-----------------------------------|------------------|
| <b>Sales Specifications</b> |                   |                                   |                  |
| Solids content              | %                 | 98                                | -                |
| Viscosity                   | cPs               | 24000                             | DIN 53019; 25 °C |
| pH<br>(1% in water)         |                   | 6.5 – 8.0                         | DIN 1262         |
| <b>Typical properties</b>   |                   |                                   |                  |
| Appearance                  | -                 | Brownish liquid                   | -                |
| Odor                        | -                 | Slight                            | -                |
| Solubility                  | -                 | Completely miscible<br>with water | -                |
| Density                     | g/cm <sup>3</sup> | approx. 1.14                      | ISO 51557        |
| Flash point                 | °C                | > 100                             | ISO 2592         |

### Applications/Uses

Water-borne decorative paints  
Solvent-borne alkyd paints

Water- borne pigment preparations

### Benefits

Extending open – time  
Enhanced film appearance  
Improved flow and levelling properties of coatings  
Alternative to glycols

Compatibilizer for water-borne and solvent-borne paints  
Eliminates rub – out  
Recommended for carbon black

### Formulation/Dosage notes

Dispol OT can be used during grinding process or as a post additive without affecting its performance in water-borne and solvent borne formulations. The recommended dosage of Dispol OT in water-borne paints is 1.0% – 1.5% w/w, and in solvent-borne paints is 0.5% – 1 .0% w/w on the total formulation.

When using as dispersing agent in pigment preparations, Dispol OT should be mixed with all liquids before the addition of the pigments to the millbase. The recommended dosage of Dispol OT is: 5.0% – 25.0% w/w for organic pigments, 15.0% – 80.0% w/w for carbon black, 4.0% – 10.0% w/w for inorganic pigments, 5.0% – 15.0% w/w for TiO<sub>2</sub>, calculated on pigments. Nevertheless, lab – scale testing is always recommended for optimum addition percentage.

### Storage/Handling

Dispol OT should be stored in a dry and well-ventilated indoor area. The storage temperature must not exceed 40°C. Under these conditions, a storage stability of 24 months can be expected.

This sheet is to be read in conjunction with its corresponding Safety Data Sheet (SDS).

### Packaging

Dispol OT is available in 25kg jerrycan, 200kg drum.

### Contact

Please contact [info@acro-pol.com](mailto:info@acro-pol.com) or T: +30 210 620 2222.

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