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## Technical Data Sheet

### Water Base Dispersant SH-333

#### Description:

SH-333 is 40% active VOC and solvent-free wetting and dispersing additive for aqueous coating systems, printing inks and adhesives. Standard additive for binder-free pigment concentrates. Suitable for all pigments.

Chemistry: Water soluble PU

#### Product specifications:

|                  |                               |
|------------------|-------------------------------|
| Appearance       | Light yellow viscous liquid   |
| N.V.M            | 40%                           |
| Gardner color    | 8 max                         |
| Solvent          | Water                         |
| Specific gravity | 1.02g/cm <sup>3</sup> (25 °C) |

#### Application:

Water base coatings and inks and pigment concentrate

#### Method of addition and Dosage:

SH-333 should be added before the loading of pigments during the milling and dispersing procedure;

Dosage (The optimal dosage should be based on the experiments! )

| Pigments         | %<br>(dispersant/pigments) |
|------------------|----------------------------|
| Organic pigments | 8-12%                      |
| Carbon black     | 10-40%                     |

#### Package and Storage:

25KG or other scale; the shelf time is no less than 2 months at the normal conditions.