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## Technical Data Sheet

### Solvent Base Dispersant SH-309

#### Description:

SH-309 is 100% active polymeric dispersant for organic and inorganic pigment dispersion in solvent-based system, with low product dosage, efficient dispersion of the organoclay powder, low foaming properties, and excellent stability performance when used in a pre-gel

Chemistry: Polyamine polyester

#### Product specifications:

Appearance	Brown viscous liquid
N.V.M	>99%
Gardner color	14 max
Flash point	260°C
Specific gravity	0.94g/cm <sup>3</sup> (25°C)

#### Application:

Organic red and yellow pigments and medium-low surface area carbon black.  
Industrial coating; Solvent-based printing ink

#### Method of addition and Dosage:

SH-309 should be added before the loading of pigments during the milling procedure;

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

Pigments	% (dispersant/pigments)
Organic pigments	8-12%
Carbon black	10-40%
High BET carbon black	40-100%

#### Package and Storage:

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