

ADDEX-DS 1061

Wetting and Dispersing Additive (Solvent-Based)

Wetting and dispersing additive for solvent-borne coatings, designed to stabilize titanium dioxide as well as organic, inorganic, and carbon black pigments in a wide range of resin systems. The additive helps to reduce flooding and floating of titanium dioxide when used in combination with colored pigments.

Product Data

Composition:

Polycarboxylic acid derivative

Typical Properties:

Note: The information provided herein is intended for guidance only and should not be used to establish specifications. Minor variations do not affect the product's performance or application.

Physical Form:	Clear liquid
Color:	Light-yellow
Active Content:	50-55%
Density (20 °C):	0.90-1.00 g/ml
Acid value:	160-180 mg KOH/g
Non-volatile matter (10 min, 150 °C):	50-55%

Applications

Applications > Recommended for > Particularly Recommended:

Coatings > Solvent-based systems
> Compatible with a wide range of resin systems (Alkyd, PU, Epoxy, Polyester)

Recommended Dosage:

Note: The additive performance depends on the specific formulation, and optimal levels must be validated through a series of laboratory tests at varying dosages, temperatures, and times.

Based on total formulation weight:	0.3-0.5%
Titanium dioxide:	1-2%
Inorganic pigments:	3-5%
Organic pigments:	10-20%
Carbon black:	15-25%

Special Feature:

Compatible with a wide range of resin systems. helps to reduce flooding, as well as settling and sagging.

Incorporation and Processing Instructions:

For optimum performance, the additive should be incorporated into the millbase prior to pigment addition. Pre-mix the resin and solvent components, then slowly add the additive under continuous stirring. Ensure complete and uniform distribution before introducing the pigments.

Storage and Transportation:

Separation or turbidity may occur at low temperatures. In such cases, gently heat to 30–40 °C and stir until completely uniform. The minimum shelf life in closed containers is 12 months from the date of manufacture.