



Product Data Sheet

ADD-5217

GENERAL

ADD-5217 is an anionic wetting and dispersing additive for enhancing the dispersion and stabilization of inorganic pigments and extenders, in particular titanium dioxide, in solvent-based and solvent-free coatings and printing inks. It is designed to reduce the millbase viscosity and therefore improve the hiding power.

SPECIFICATIONS

Composition	: Polymer with acidic groups
Specific gravity @ 20°C	: Ca. 1,24 g/cm ³
Flashpoint	: >107 °C
Appearance	: Transparent brownish liquid
Acid value	: 270-290 mg KOH/g
Active ingredients	: >98 %

APPLICATIONS AND USAGE

ADD-5217 can be used to improve the pigment wetting and stabilizing the inorganic pigments and extenders, especially titanium dioxide.

The additive defloculates pigments by means of steric stabilization leading to short dispersion time and strong viscosity reduction in the mill-base and hiding power. In this way, the flow characteristics are drastically improved and high pigment loading can be achieved.

ADD-5217 is recommended for all solvent-based and solvent-free coatings and printing inks. Its anionic character makes it ideal for acid-catalyzed systems (e.g. coil coatings).

ADD-5217 should be added prior to the dispersion process.

1.50-3.00% (delivery form) on titanium dioxide

2.50-5.00% (delivery form) on inorganic pigments

0.50-1.00% (delivery form) on extenders

STORAGE, SAFETY & HANDLING

ADD-5217 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 4 years from the date of manufacture. **ADD-5217** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.