



Product Data Sheet

ADD-5001

GENERAL

ADD-5001 is cost-effective wetting and dispersing additive to improve pigment wetting and stabilize the pigment dispersion. It is a controlled flocculating agent and is therefore preferably used in primers and undercoats.

SPECIFICATIONS

Composition	: Alkyl hydroxyl ammonium salt of unsaturated fatty acids
Solvent(s)	: Isobutanol/water
Specific gravity @ 20°C	: Ca. 0.94 g/cm ³
Flashpoint	: 28 °C
Appearance	: Clear, yellowish liquid
Amine value	: 43-49 mg KOH/g
Acid value	: 37-43 mg KOH/g
Active ingredients	: 30%

APPLICATIONS AND USAGE

Coatings:

ADD-5001 helps to prevent interfacial tension between hydrophilic pigments/extenders and binders.

ADD-5001 is preferably used in primers and undercoats. If gloss requirements are not too high, it can also be used in topcoats.

ADD-5001 creates thixotropy and therefore prevents flooding and floating, settling of the pigments and reduces sagging. The resulting thixotropy from **ADD-5001** is much less pronounced than with **ADD-5044** or **ADD-5054**. The additive can be used to gel organophilic Bentonites and to produce pastes with improved flow, process ability and storage stability.

ADD-5001 is mainly used in anti-corrosion and marine paints based on alkyds, chlorinated rubber, and bituminous derivatives. It is suited for all kinds of oil- or alkyd based coatings, wash or shop primers and waterborne systems.

ADD-5001 should be added prior to pigment grinding.

0.5-2.0% (delivery form) on inorganic pigments

30.0-50.0%(delivery form) on the Bentonites

STORAGE, SAFETY & HANDLING

ADD-5001 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. **ADD-5001** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.