



Product Data Sheet

ADD-4590

GENERAL

ADD-4590 stabilizes the dispersion of inorganic and organic pigments and has the following features:

- Is a cost effective HMWD
- Improves viscosity reduction
- High organic pigment loading
- Strong anti-flooding behavior
- Excellent gloss

SPECIFICATIONS

Composition	: Modified Polyacrylate
Active ingredients	: 40 - 43%
Solvents	: Water and Tripropyleneglycol methyl ether
Amine value	: 36 - 42 mg KOH/g DIN 16945
Acid Value	: 4 - 8 mg KOH/g DIN 53402
Color	: Max. 7 ISO 4630
Appearance	: Turbid, yellowish liquid

APPLICATIONS AND USAGE

ADD-4590 is a wetting and dispersing agent designed as a cost effective alternative to the existing polymeric dispersants, suitable for all kind of pigments in water-based industrial coatings as well as for pigment concentrates. Due to the presence of AMP-90 this product cannot be classified as VOC-free.

ADD-4590 should be incorporated in the mill base before adding the pigments.

Calculation method to give the required amount of active ingredients on pigment to be used in Resin Free Pigment Concentrate applications.

Inorganic pigments: **20 - 30% of oil absorption value**

Organic pigments: **30 - 70% of BET value**

Carbon blacks: **60% of DBP absorption value**

STORAGE, SAFETY & HANDLING

ADD-4590 should be stored in a cool dry place and protected against frost. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. **ADD-4590** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.