



# Product Data Sheet

## ADD-5005

### GENERAL

**ADD-5005** is a wetting and dispersing additive for solvent-borne systems to stabilize inorganic pigments.

### SPECIFICATIONS

Composition	: Salt of long-chain polyamine amides and a polar acidic polyester
Specific gravity @ 20°C	: Ca. 0,9 g/cm <sup>3</sup>
Appearance	: Yellowish-brownish liquid
Active ingredients	: 52 %

### APPLICATIONS AND USAGE

#### Coatings:

**ADD-5005** is a wetting and dispersing additive for solvent-borne systems to stabilize inorganic pigments. For optimum performance, the additive must be incorporated into the mill base before addition of pigments. When used in clear coats that contain traces of water, a slight brown discoloration may occur.

**ADD-5005** should be added prior to the dispersion/grinding process.

**0.2-2.0%** (delivery form) on inorganic pigments

**2.0-5.0%** (delivery form) on organic pigments

**30.0-50.0%** (delivery form) on the Bentonites

#### Composite:

**ADD-5005** improves the dispersing/grinding process of fillers in glass fiber reinforced plastics. Through a better wetting and a more homogeneous distribution of the fillers, a strong viscosity reduction is obtained. This results in an improvement of the physical properties like the impact resistance, especially in systems filled with Al(OH)<sub>3</sub>.

**ADD-5005** can be used in filled SMC (sheet moulding compounds) and BMC (bulk moulding compounds) and in other filled and reinforced compounds. The product does not affect curing time in cobalt-catalyzed systems.

**ADD-5005** should be added to the resin system prior to the addition of the extenders.

**0.5-1.5%** (delivery form) on extenders

### STORAGE, SAFETY & HANDLING

**ADD-5005** should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 years from the date of manufacture. The production date is indicated on the container. **ADD-5005** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.