Wetting and dispersing additive
TEGO® Dispers 705

DESCRIPTION
TEGO® Dispers 705 is a wetting and dispersing additive for solventborne formulations. Stabilizes inorganic pigments, fillers and bentonites. Can be used to produce very stable and easy to handle pastes of bentonites.

KEY BENEFITS
- for stable and easy to handle bentonite pastes
- good viscosity reduction with inorganic particles

EFFECT
- Viscosity reduction with organic pigments/carbon blacks
- Color intensity/gloss with organic pigments/carbon blacks
- Viscosity reduction with inorganic pigments/fillers
- Color intensity/gloss with inorganic pigments/fillers

SUITABILITY
- waterborne
- solventborne
- 2-pack 100%
- radiation-curing
- direct grind
- resin-containing pigment concentrates
- resin-free pigment concentrates
- universal pastes

TYPICAL APPLICATIONS
General industrial coatings

TECHNICAL DATA
- acid value (as supplied) Approx 35 mg KOH/g
- active matter content approx. 50%
- amine value (as supplied) Approx 20 mg KOH/g
- appearance yellow reddish clear liquid
- chemical description solution of basic and acidic fatty derivates
- solvent xylene / isobutanol 80 : 20

SOLUBILITY
- Water
- Ethanol
- TPGDA
- Butylacetate
- Mineral Spirits

RECOMMENDED ADDITION LEVEL
As supplied calculated on inorganic pigment: 0.4 - 4.0 %

PROCESSING INSTRUCTIONS
- Add to the grind before dispersion.
- Bentonite pastes e.g.: 85-87% by weight solvent, 10% parts BENTONE® (Elementis Specialities, Inc.), 3-5 % TEGO® Dispers 705.

HANDLING & STORAGE
When stored in an original unopened packaging between -40 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

MSDS & REGULATORY INFORMATION

This information and all further technical advice are based on present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with respect to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Resource Efficiency GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49.201.173-2222 Telefax +49.201.173-1939 | www.coating-additives.com