

Wetting And Dispersing Additives For Epoxy Applications

[MOBI] Wetting And Dispersing Additives For Epoxy Applications

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Technical Background Wetting and Dispersing Additives

Wetting and dispersing additives are amphiphilic compounds, ie they are both hydrophilic and lipophilic Their special molecular structure allows them to enable or facilitate dispersion of pigments and fillers in the solvent In addition, they should stabilize the dispersion Wetting and dispersing additives can be classified in different ways

Borchers' Wetting and Dispersing Additives

Wetting and dispersing additives can be subdivided into different categories according to various criteria Apart from the mode of action just described, the molecular weight of the additive is one of the most important distinguishing criteria As a rule, virtually all the application-related characteristics are

Wetting and Dispersing Additives for Epoxy Applications ...

Wetting and Dispersing Additives Welcome to the interactive world of BYK additives This multimedia "wetting and dispersing additives" brochure has been designed to support your work, offering interactive graphics fascinating animations and videos to show the chemical processes Additives for Epoxy Applications Application Information CC-A 4

Wetting & Dispersing Additives - ADDAPT Chemicals BV

The range is completed with two grades for the sustainable additives range of ADDAPT Chemicals BV ADDISP™ 850 is a dispersing agent, which can be used in combination with the wetting agent ADDISP™ 550 Both additives are biodegradable, APEO, solvent and VOC free "No ball mill needed" ADDAPT Chemicals BV Speltdijk 1 5704 RJ Helmond

Additives, Driers, Accelerators and Catalysts

WETTING AND DISPERSING ADDITIVES The Borchers line of wetting and dispersing agents includes products for a full range of pigments from the

most difficult to disperse pigments, such as carbon black and perylene pigments, to easier pigments such as TiO₂ and iron oxides. Several products are 100% active and can be used universally in waterborne

W dispersing additives for reactive adhesives and When ...

Wetting and dispersing additives for reactive adhesives and sealants. When increased filler content is required, wetting and dispersing additives serve to either reduce viscosity or raise the filler content while keeping the viscosity constant. The use of functional fillers also ...

Additives for Polymer Dispersions

additives providing a combined property profile of excellent wetting behavior and good defoaming characteristics. Wetting agents improve the wetting behavior of dispersions on substrates and diminish the defects caused by other additives at the same time. Wetting agents are ...

Dispersants and Additives - Huntsman Corporation

and wetting agents. Primary surfactants for microemulsion systems. PRODUCT NAME STRUCTURE HLB FEATURES SURFONIC® WETTING AGENTS & EMULSIFIERS. SURFonic® wetting agents and emulsifiers are versatile, low foaming additives for pigments used in coating and ink applications. They offer low color, low odor, and are easy to incorporate.

WHITE PAPER - Coating Additives

WETTING AND DISPERSING AGENTS. The terms wetting agent, wetting additive, dispersant, or wetting and dispersing additive are often used without full understanding of their exact definitions. There are very important differences in the chemical structures and functions of each. Wetting agents are low molecular weight, amphiphilic molecules with

1.1 Dispersing process - European Coatings

12. Wetting and dispersing agents produced by the dispersing process, for a protracted period of time; i.e. the pigment particles must be prevented from flocculating (see Chapter 12) [2]. The purpose of the dispersing process is to separate agglomerates. Ideally, the outcome is a dispersion of primary particles and aggregates.

Wetting and dispersing agents - echem-group.com

such particles efficiently to form stable dispersions. Significant substrate wetting may also be achieved, allowing the coating to spread evenly over the substrate surface. The range includes additives for both aqueous and non-aqueous systems. Wetting and dispersing agents. Product eChem DS 1331 eChem DS M500 eChem DS 1488 eChem DS 1346 eChem DS 1459.

Dispersing Technology - Münzing Chemie GmbH

used. For the wetting of organic pigments, further ionic or nonionic wetting agents are added. Dosages in the sum of all additives might be high due to the limited performance of these products. The polymeric dispersants EDAPLAN® act as a combination of wetting and dispersing agent and can substitute these products efficiently.

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Product Guide - Worldwide

Wetting and Dispersing Additives. Additives for pigmented system - Pigments and extenders are dry solid particles, which have to be incorporated into the liquid phase, consisting of binders and solvents. Protective and decorative properties are influenced by this step in paint.

COATING ADDITIVES - Paints and Coatings Expert

Wetting and Dispersing Additives Grinding media Wetting and Dispersing Additives Grinding media Requirements for modern pigment pastes The preparation of modern tinting systems has become very important since cycle times, high quality standards and cost efficient production each plays a large role in overall profitability

Additives for Electrical Energy Storage & Conversion

Additives for Electrical Energy Storage & Conversion 3 BYK Additives for Li-Ion Batteries Page 5 Additives for Electrodes Wetting & Dispersing Additives Page 6 LAPONITE-RD Page 10 Additives for Ceramic-coated Separators Page 13 Technical Information B-TI 2 BYK Products for Electrical Energy Storage & Conversion Improving the Production

Additives for Coatings and Inks - Patcham

of specialty additives for the Paint & Coatings, Ink, PVC and Composite industries The company's Pat-Add range of coating additives includes wetting & dispersing agents, defoamers, slip & leveling agents, rheology modifiers Whilst keeping focus on environmental

Additive selection guide - Pharos Project

Additive selection guide for surface modifying, dispersion and rheology additives Efka® 1000 series contains dispersing resins specially developed for the production of resin minimal pigment concentrates They show good pigment wetting and stabilizing performance and excellent compatibility with the resins most commonly used in paints

1 Architectural Coating - Patcham

Wetting and dispersing additives Wetting agents are surface active substances which improve the wetting of pigments Dispersing agents on the other hand prevent particles from flocculating by either electrostatic or steric stabilisation depending upon its nature