

## COLOURSTAR® – COLOURANTS FOR A COLOURFUL WORLD

Colours offer a variety of design possibilities and they beautify the world we live in. Our pigments, dyes and preparations in solid and liquid form offer the highest reliability and colour consistency in all application areas.



Foto: Christine Nestler-Kenzian

With our pigments, dyes and preparations, we can cover the entire range of industrial applications: in the plastics, paint and varnish, agricultural, building materials, food and feed, writing and artist sectors. Dyes are colouring substances. Unlike pigments dyes are soluble in application media, such as water, oils or solvents.

The main applications are the dyeing of textiles, paper and leather. Pigments are defined as colourants existing as fine particles and they are virtually insoluble in the application medium. They are used for paints, varnishes and

plastics. In the pharmaceutical and food industry, however, the term dye is used for both pigments and soluble colourants.

Dyes are easy to use, but it takes some effort to commercially use pigments. Usually the particles must be pre-dispersed to break up and disperse the agglomerates.

Furthermore, dispersants and wetting agents are needed to wet the particles and to prevent separation from the application medium. To facilitate the complicated preparation for the consumer, often highly concentrated pigment preparations are distributed, which have to be

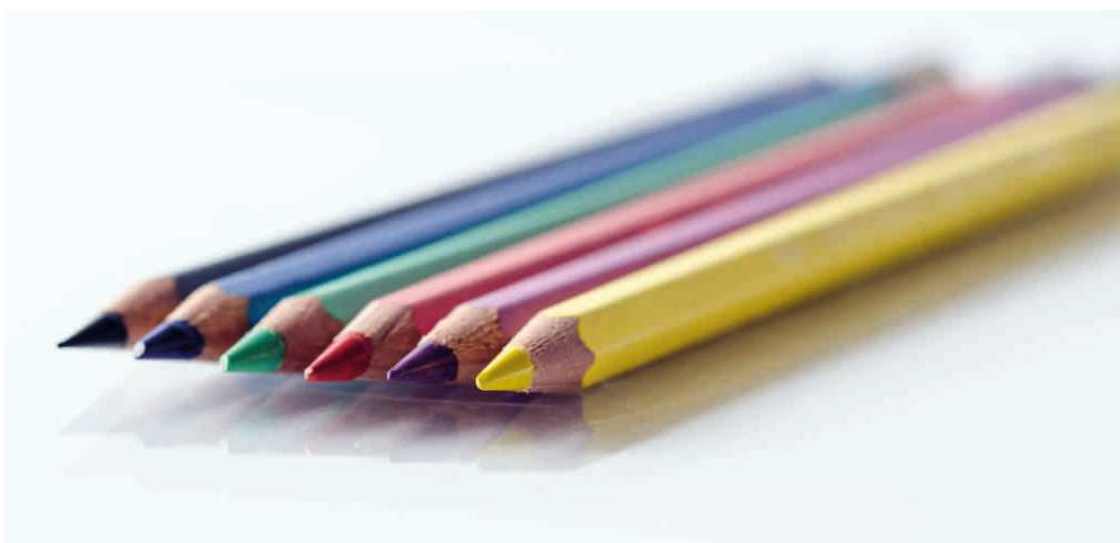
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adjusted to the individual application of the customer. For plastics, it is possible to produce so-called master batches, in which the desired pigment or even mixtures of several pigments are incorporated into a binder matrix. The granulated pigment concentrates can be added very precisely during processing to achieve the exact and reproducible colour hue. Only in powder coatings pigments can be used without preparing. However, they are often combined with one or more fillers to be able to dose them more easily.

We supply pigments and dyes in liquid form and for aqueous applications APEO- and VOC-free. We also have universal pastes for solvent systems and aqueous systems in our product range. We offer pastes for epoxy, polyester, silicone and PU resins. Powders and dyes in powder form, also in dust-free or in pre-dispersed form, are available for many applications.

We are happy to advise you on the possibilities of delivering the tailor-made product for your application!



Fotos: Christine Nestler-Kenzian

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