

## Specialty and Custom Chemicals Since 1968



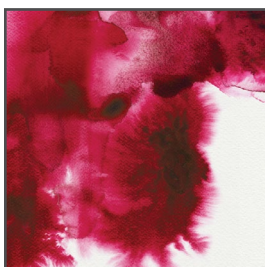
### E-SPERSE® 1200 SERIES DISPERSING AGENTS FOR ORGANIC AND INORGANIC PIGMENTS

Dispersing Agents (DAs) have many functions when used in pigment dispersions and paints. DAs help to separate and suspend pigment particles in water to improve grinding time. Keeping the particles from flocculating or settling after milling is another important function of a dispersing agent. By doing so, once the pigment dispersion is added to a white base paint, the particles distribute evenly and dry uniformly on a substrate, which leads to better color development. E-Sperse 1200 series provides particle stabilization during both of these stages to improve the pigment dispersion's performance in the paint.



**Ethox Chemicals' new E-Sperse® 1200 series for pigment dispersions are listed below:**

PRODUCT	PERCENT SOLIDS	IONIC FORM
E-Sperse® 1201	30%	Nonionic
E-Sperse® 1202	100%	Anionic, sulfate (85%), NH <sub>4</sub> salt
E-Sperse® 1203	30%	Anionic, phosphate, NH <sub>4</sub> salt
E-Sperse® 1204	30%	Anionic, phosphate, NH <sub>4</sub> salt



#### Benefits of E-Sperse® 1200 series when used in water-borne pigment dispersion:

- Lower viscosity in the pigment dispersion maintained over time
- Improved shelf life of the pigment dispersion
- Better color acceptance of pigment dispersion when mixed in a white base paint
- Improved compatibility of pigment dispersion with acrylic and styrene-acrylic white base paints
- Low foaming surfactant based chemistry
- Charge stabilization

If you like the performance of any of these products, but need to have it modified in some way, please let us know. We're happy to build a new product that works better for you.

#### Technical Contact

Edward R. Godwin | Technical Accounts Manager  
704-562-2554 | [egodwin@ethox.com](mailto:egodwin@ethox.com)

*The information contained herein is believed to be correct; however, it should not be construed as a guarantee or as a statement of suitability for use in any application. This information should not be considered as a recommendation to violate any patent.*



864-277-1620 | [www.ethox.com](http://www.ethox.com)