

The Lubrizol logo is displayed in white, italicized, sans-serif font on a black background. The background of the top half of the page features two open paint cans, one containing yellow paint and the other blue paint, with splatters of their respective colors on a light grey surface.

PERFORMANCE COATINGS

The SOLSPERSE logo is rendered in a multi-colored, sans-serif font. The 'S' is red, 'O' is orange, 'L' is yellow, 'S' is green, 'P' is light blue, 'E' is dark blue, 'R' is teal, 'S' is light green, 'E' is yellow, and 'R' is orange. A red paint splatter graphic is positioned to the left of the 'S'.

HYPERDISPERSANTS

SIMPLY BRILLIANT

ADVANCED DISPERSION SOLUTIONS FOR PIGMENTS AND FILLERS

Lubrizol's diverse Solspense product line empowers the formulator to develop extremely efficient particle dispersion and particle size stability for high to mid-range solvent-based, water-based, energy curable, thermoset or thermoplastic systems. Products provide the highest level of appearance and performance, manufacturing efficiencies and quality, as well as the ability to effectively work with difficult to disperse pigments and resin-less systems.

Bringing Your Color to Life

Lubrizol's hyperdispersants are essential ingredients for formulating high quality, high solids, low viscosity dispersions of organic and inorganic pigments, carbon black, mineral extenders and many other particles. They ensure that the formulator will have the highest color value with high pigment/filler loadings and efficient color development. When using Solspense, formulations will have vivid color strength with strong, bright colors with the requisite transparency or opacity.

Delivering Manufacturing Efficiencies

Incorporating Solspense hyperdispersants into the millbase reduces the viscosity and increases the pigment content for improved manufacturing productivity. Solspense also decreases dispersion time and maximizes pigment loadings in the grind stage to lower energy and labor costs, producing more final product from a given weight of millbase. Additionally, because Lubrizol's hyperdispersants permit increased pigment loadings in the millbase, there is a reduction in potentially carrying incompatible medium through from the millbase to the final formulation.

The Optimal Choice

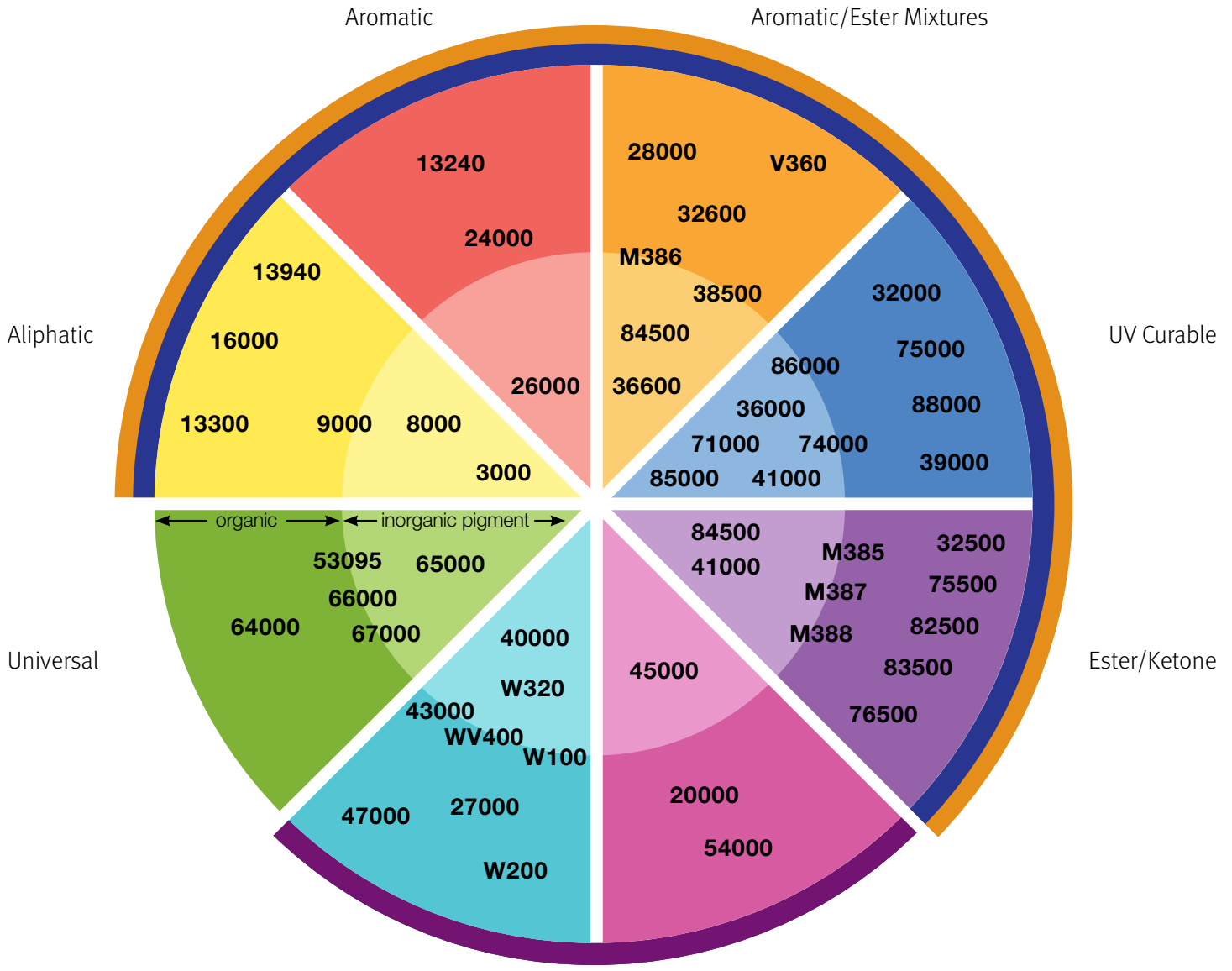
Solspense products enable formulators to be more flexible and deliver superior performance and quality. Solspense enhances mechanical properties, stability, flow and uniformity. Broad compatibility across a range of media makes it possible to stock fewer products in larger quantities resulting in less inventory and lower maintenance costs. Solspense products meet most environmental standards and decrease VOCs in high solids coatings. For optimum flexibility and performance, choose Solspense first.

WHAT WE ADD MAKES THE DIFFERENCE.™

- HIGHEST COLOR VALUE AT THE LOWEST POSSIBLE PIGMENT CONCENTRATION
- EFFICIENT COLOR DEVELOPMENT
- HIGH PIGMENT/ FILLER LOADINGS
- IMPROVED MANUFACTURING PRODUCTIVITY
- FORMULATION FLEXIBILITY
- ENHANCED MECHANICAL PROPERTIES, STABILITY, FLOW AND UNIFORMITY
- REDUCED VOC LEVELS

www.solspense.com

SOLSPERSE™ HYPERDISPERSANTS SELECTOR



- Solsperses™ 5000S Synergist
- Solsperses™ 12000S Synergist
- Solsperses™ 22000S Synergist

Lubrizol Advanced Materials, Inc.

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