

**Solsperse™ W60**

Dispersant for universal and waterbased colorants

Solsperse™ W60 is a 90% active APE-free polymeric dispersant in water designed to improve pigment dispersion and stability in aqueous coatings. It has excellent compatibility with oil-based alkyd paints, enabling production of universal colorants which can be used with both water and solvent-containing base paints. The effectiveness of Solsperse™ W60 at dispersing both organic and inorganic materials make it ideal for systems that contain high levels of fillers along with the pigment. It can also be used as a post-addition, to improve compatibility between waterbased colorants and a variety of base paint chemistries.

**FEATURES AND BENEFITS**

- Color Development
- Compatibility w/ Resin
- Compatibility w/ Solvents
- High Color Strength
- High Pigment Loading
- High Solids Dispersant
- Particle Size Reduction
- Water Based

**CHARACTERISTICS**

Characteristic Name	Value
Appearance	Colorless to yellow liquid
Density (g/ml)	1.11
Density (lb/gal @ 25°C)	9.17
Freeze/Thaw Stability	Protect from freezing. If product is frozen, allow to return to room temperature, warming if required, and stir well before use.
Freezing Point (°C)	0
Gardner Colour	7 Max
Incorporation Recommendations	Solsperse W60 should be thoroughly blended with the millbase resin / water before the addition of pigments.
pH Value (10% in Water)	3.25
Solids (wt %)	90
Storage &	Protect from freezing. Storage below 35°C/95°F recommended.

Characteristic Name	Value
Handling	
Usage Guidelines	Addition level should be based on the surface area of the pigment / filler. The dosage is typically 2 mg per square meter of pigment surface area. This is simply the BET surface area divided by 5. See Solsperse Dosage Guide for more details.

## REGULATORY

- APEO-Free<sup>1</sup>
- Ultra Low VOC<sup>5</sup>

<sup>1</sup>Not intentionally added to the composition of this product

<sup>5</sup>Suitable for coating formulations where less than 50 g/l VOC (US EPA Method 24) or 25 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

## APPLICATIONS

- Building & Construction Coatings
- Particle Dispersions

## AVAILABLE REGIONS

- Asia Pacific
- Latin America
- North America

## REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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