

Solsperse™ W150

100% Active Polymeric Dispersant

Solsperse™ W150 is a 100% active, flowable and cost-effective polymeric dispersant primarily intended for pigment/particle dispersion in aqueous paints, printing inks and colored concentrates. It is suitable for use across a wide range of organic pigments, inorganic pigments/ particles and fillers in both resin-containing and resin-free dispersions.

FEATURES AND BENEFITS

- 100% Dispersant
- Color Development
- Compatibility w/ Co-Solvents
- Compatibility w/ Pigments
- Compatibility w/ Resin
- Dispersant Efficiency
- Fast Wetting
- High Color Strength
- High Pigment Loading
- High Solids Dispersant
- High Transparency
- Improved Coloristic Properties
- Low Viscosity
- Low VOC Capable
- Milling Efficiency
- Opacity
- Particle Size Reduction
- Pigment Treatment

CHARACTERISTICS

Characteristic Name	Value
Appearance	Pale yellow to amber liquid
Density (g/cc @ 22°C)	1.13
Freeze/Thaw Stability	Protect from freezing. If product is frozen, allow to return to room temperature, warming if required, and stir well before use.
Gardner Colour	9 Max
Incorporation Recommendations	Solsperse W150 should be thoroughly blended with the millbase resin / water before the addition of pigments.
pH Value (10% in Water)	Approx 4.5
Pour Point (°C)	8
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

- Low VOC⁴
- Nestle Guidance | Note: Packaging Inks
- Swiss Ordinance (Annex 10 to the Ordinance)
- VOC-Free³

³None of the ingredients used to produce this product meet the VOC definition and physical-chemical criteria as defined in the 2004/42/EC EU Paints Directive, Swiss Lenkungsabgabe, US EPA Group List 761346 and the Clean Air Act.

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Analog Printing Coatings
- Analog Printing Inks
- Building & Construction Coatings
- Digital Printing Coatings
- Digital Printing Inks
- Particle Dispersions
- Surface Treatments

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 days. See SDS for storage conditions and handling instructions.

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.

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:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

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