

Solsperse™ W75

100% active polymeric dispersant

Solsperse™ W75 is a 100% active water-soluble polymeric dispersant, which will improve dispersion and stability of organic and inorganic pigments in a variety of end use applications. It is particularly effective at stabilizing dispersions of ammonium polyphosphate (APP) in flame retardant and intumescent coatings.

FEATURES AND BENEFITS

- 100% Dispersant
- Anti-Settling
- Dispersant Efficiency
- Fast Wetting
- High Pigment Loading
- High Solids Dispersant
- Low Foaming
- Low VOC Capable
- Milling Efficiency
- Particle Size Reduction
- Pigment Treatment
- Water Based

CHARACTERISTICS

Characteristic Name	Value
Appearance	Pale yellow to brown colored liquid
Boiling Point (°C)	>100
Density (g/ml)	Approx. 1.1
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	8 Max
Incorporation Recommendations	Solsperse W75 should be thoroughly blended with the millbase resin / water before the addition of pigments.
pH Value (10% in Water)	11.5
Solids (wt %)	100
Storage & Handling	Protect from freezing.
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 detail.

REGULATORY

- APEO-Free¹
- Ultra Low VOC⁵

¹Not intentionally added to the composition of this product

⁵Suitable 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
- Industrial OEM Coatings
- Particle Dispersions

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 1,825 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 |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

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