Lubrizol

PERFORMANCE COATINGS　　　　　　　　　**PRODUCT DATA SHEET**

Solsperse™ AC4320

A 100% active polymeric dispersant designed for Advanced Ceramic formulations

Solsperse™ AC4320 is a 100% active polymeric dispersant that offers significant technical advantages in a range of ceramic processing methods, including tape casting, slip casting, and gel casting. Typical applications are electronic ceramics (ceramics in electronics), advanced engineered ceramics, and where superior dispersion of ceramic particles in polar organic solvents or UV monomers are required. The Solsperse™ AC4320 should be dissolved in the slurry solvent before the addition of ceramic solids. Addition levels should be based on the surface area of the ceramic / filler. The dosage level is typically 2mg active dispersant per square meter of ceramic filler surface area. This is simply the surface area divided by 5.

FEATURES AND BENEFITS

- 100% Dispersant
- Dispersant Efficiency
- Fast Wetting
- High Pigment Loading
- High Solids Dispersant

- Ideal for Ceramic Formulations
- Low Viscosity
- Particle Size Reduction
- Stability

CHARACTERISTICS

Characteristic Name	Value
Appearance	Amber Liquid
Boiling Point (°C)	Decomposes with out boiling >250
Density (g/cc @ 25°C)	1.02
Flash Point (°C)	200
Gardner Colour	8 max

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- 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.

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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