



SZG-PDS-NA-Hercon 615

Hercon™ 615 Sizing Agent

Product Description

Hercon 615 sizing agent is a highly efficient, ready-to-use emulsion designed for both paper and paperboard applications. The emulsion is effective in both bleached and unbleached pulps from either virgin or recycled sources.

Based on alkyl ketene dimer (AKD) chemistry, the product reacts directly with cellulose to provide sizing. Intended for all sizing, Hercon 615 is formulated to maximize AKD cost/performance effectiveness while also contributing to drainage and retention. It uses a new promoter and stabilization package that has provided 10-30% better efficiency than older technologies, while still providing excellent product stability. It is proven in grades ranging from 100% Recycled Linerboard to Printing and Writing to Specialties.

Hercon 615 is a cationic emulsion but is well-suited to systems that are concerned with becoming overly cationic with the addition of cationic sizes. This moderate level of cationic charge is also designed to not impact optical brightener efficiency in fine paper applications.

Product Application

Shelf Life: As Hercon 615 ages, some loss in efficiency can occur at high temperatures or during prolonged storage. Storing the product as cool as possible without freezing ensures the highest efficiency. To ensure maximum efficiency, Hercon 615 should not be exposed to temperatures over 90 °F (32 °C) or stored for more than 30 days.

Handling: Hercon 615 is a low-viscosity, aqueous emulsion. It is easily transferred and metered to the system through standard inexpensive equipment. Random dilution at the point of addition is recommended for good distribution.

Materials of Construction: Fiberglass, 316L stainless steel, and other materials can be used for bulk storage of Hercon 615.

Hercon 615 is to be used in accordance with control procedures Solenis establishes for a specific application.

Benefits

- Highly efficient
- Self-retaining
- Contributes to retention and drainage

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.