



TECHNICAL BULLETIN

ULTERION[®] 2300 WT

POLYESTER ADHESION PROMOTER

PERFORMANCE FEATURES

- Reduces viscosities of starch solution
- Optimizes starch usage
- Stronger fiber to fiber bond
- Easy to glue with water based adhesives
- Reduces linting
- Improves film formation
- Acts as adhesion promoter for most surface coatings and printing solutions
- Adds strength to paper
- Minimizes curl
- Makes kymene treated paper repulpable
- Improves, tensile, tear, mullen, ECT & flat compression in some grades.
- FDA approved for food contact

Product Description

Ulterion[®] 2300 WT is a water-based resin developed to provide stronger fiber-to-fiber bond. The product also improves paper strength parameters. *Ulterion[®] 2300 WT* is formulated to enhance surface size starch performance. *Ulterion[®] 2300 WT* can also be used for application at the wet end of the paper machine. The paper made with this product is completely repulpable.

Typical Properties

% Solids	25
pH	6.5 – 7.5
Odor	Sweet Ester
Appearance	Yellowish –Amber Translucent
Tg	0°C
Specific gravity	1.06
Viscosity (cps)	20 - 50
Origin	USA

FDA Status

Ulterion[®] 2300 WT is composed of ingredients, which are in compliance with FDA for direct and indirect food contact. (21CFR 176.170 & 176.180)

MARKET USES

- Paper
- Adhesives
- Textile sizing

Application Methods

Typical Surface size treatments vary from 3 – 6% dry basis of *Ulterion[®] 2300 WT* to 100% dry basis of starch. Typical wet end applications use 20 – 40 wet pounds per ton.

Handling / Storage Stability

The *Ulterion[®] 2300 WT* is a made to order product, which should be kept in cool dry conditions. Keep from freezing. Storage temperatures above 90°F will decrease the shelf life considerably. Optimal storage conditions will yield a shelf life of 3 - 6 months from the date of manufacture.

Product Safety

When considering the use of **Ulterion International** products, please refer to the latest Material Safety Data Sheets (MSDS). If you require an MSDS for this product; please call Customer Service or your **Ulterion International Representative**.



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The information contained herein is thought to be accurate in all aspects; however, the applications for these products mentioned are presented without guarantee or responsibility as to the suitability of our products whether used singly or in combination with other products. Nothing herein is to be taken as a

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