

# TECHNICAL BULLETIN

## ULTERION® 120 WD

### COATING LUBRICANT

#### PERFORMANCE FEATURES

- Water coatings uniformity
- Water dispersible
- Eliminates can picking
- Imparts lubricity
- FDA approved for food contact

#### Product Description

*Ulterion® 120 WD* is a 100% active coating lubricant designed specifically to improve the runnability of high speed coaters. Its unique molecular composition imparts rheological and water holding characteristics to all types of paper coating and sizing formulations. *Ulterion® 120 WD* effectively reduces or eliminates such coatings problems as streaking, whiskering and blade weeping. When used in sizing applications, *Ulterion® 120 WD* also will eliminate dryer can build up.

#### Typical Properties

Appearance	Clear Amber Color
Moisture, %	<1.0
Color, Gardner	<14
Viscosity, cPs	<10,000
Density	1.05
Origin	USA

#### FDA Status

*Ulterion® 120 WD* is made with food grade ingredients under Good Manufacturing Practices. The component ingredients of *Ulterion® 120 WD* meet the current requirements of the FDA for Food contact applications when used in accordance with the requirements of the following:

- 21 CFR 175.105 Adhesives
- 21 CFR 176.180 Components of paper and paperboard in contact with dry food.

#### MARKET USES

- Paper coatings
- Textile processing

- 21 CFR 176.210 Defoaming agents used in the manufacture of paper and paperboard.

#### Application Methods

**Ulterion International** recommends that *Ulterion® 120 WD* be used at a level of 0.75 – 1.0 % based on pigment solids for coatings and 0.5 – 1.0 % based on solids of starch or binder system. The *Ulterion® 120 WD* should be added during pigment dispersion for pigmented coatings. The *Ulterion® 120 WD* should be added during or immediately after the starch cook-up for best dispersion. For complete details on addition rates or processing procedures, consult an **Ulterion International** Technical Services person for product recommendations.

#### Handling & Storage/Stability

In its original packaging, *Ulterion® 120 WD* can be stored for 12 months at a temperature of 77°F (25°C). *Ulterion® 120 WD* should be stored in properly sealed containers, avoiding light and moisture.

#### Product Safety

When considering the use of **Ulterion International** products, please refer to the latest Material Safety Data Sheets (MSDS). If a MSDS for this product is required, please contact your **Ulterion International** Representative.

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