

TECHNICAL BULLETIN

ULTERION® XF-284

COATING DEFOAMER

PERFORMANCE FEATURES

- Coating applications
- Surface sizing applications
- Emulsion polymerization
- Water-based flexo and gravure inks
- Adhesives and glues
- FDA approved for food contact

Product Description

Ulterion® *XF-284* is effective, water dispersible, nonionic oil based defoamer. Tests indicate that *Ulterion*® *XF-284* is highly compatible and stable in most standard coating and sizing formulations and will not cause film craters and fisheyes when used at moderate levels.

Typical Properties

Appearance:	Viscous liquid
Color:	Translucent Yellow
Specific Gravity (25°C):	0.95
pH, Value (5% aqueous):	6.5

FDA Status

Ulterion® *XF-284* is composed of ingredients that meet the current requirements of the FDA for food contact applications when used in accordance with the requirements and limitations of 21 CFR: 175.105, 176.170, 176.180, 176.200, 176.210, and 178.3120.

Application Methods

In coatings and sizing applications, *Ulterion*® *XF-284* is normally used at 0.02 to 0.1% based upon total formulation weight. *Ulterion*® *XF-284* is generally added as the second component of a coating formulation or cooking process to prevent foam during processing.

MARKET USES

- Paper coatings
- Textile coatings

Handling / Storage Stability

Ulterion® *XF-284* should be stored in a cool, dry area. Avoid freezing and high heat to retain a six-month shelf life.

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 (706) 654-2222 or your **Ulterion International Representative**.

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