



GRANPRIME GR-815 FDA

Print Receptive Primer / Overprint Varnish

GranPrime GR-815 FDA is a water-based acrylic polymer for packaging and film. GR-815 FDA imparts a clear, hard film while improving the printability of the coated surface. GR-815 FDA is compliant with the following:

21 CFR 175.300 | 21 CFR 176.170 | CFR 176.180

Performance Attributes

- Outstanding Printability with UV and Water Based Inks
- Excellent Abrasion and Scuff Resistance
- Water, Grease and Oil Repellent
- Can Be Pigmented
- High Gloss

Recommended Applications:

- ❖ Rotogravure
- ❖ Flexographic

Coating Method:

- ❖ Rotogravure
- ❖ Flexographic
- ❖ Wire Rod

Compatible Substrates:

- ❖ PET
- ❖ Foil
- ❖ Paper
- ❖ Metallized Film & Paper

TYPICAL PROPERTIES†	
Appearance	Tan Liquid
Solids, % Non-Volatile	30 – 33
pH	8.5 – 9.0
Density, (lbs./gal.)	8.54
Viscosity, s (Zahn #2 @ 72°F)	30 – 35
Ionic Nature	Anionic
%, VOC by weight	<2.0
Shelf Life, (60° - 80°F)	6 – 12 months

SALES@GRANTCOATINGS.COM

Disclaimer: Although the information is presented in good faith and believed to be correct, Grant Industries makes no representations or warranties as to the completeness or accuracy of Information. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Grant Industries be responsible or liable for any loss of profits, lost goodwill, direct, special, indirect, incidental, or consequential damages of any nature whatsoever, including without limitation lost revenues, resulting from the use of or reliance upon Information or the product to which Information refers. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers.



Technical Guide

APPLICATION*	
Coating Method	Direct Gravure
Curing, Web Temperature	180° - 250°F
Wet Film Thickness	0.27 Mils
Dry Coat Weight (#/3000ft²)	1.36
GSM	2.23

* Press settings must be optimized by end user. Information enclosed within is only to be consider a suggested starting point.

† Technical Specifications and physical properties are qualified using standard in-house substrates and laboratory equipment. All results must be confirmed by the end user and are not guaranteed to be repeatable.

STORAGE & HANDLING:

Standard Personal Protection Equipment should be used when handling this material including gloves and safety goggles. Avoid contact with skin or eyes and do not ingest. Use with adequate ventilation and avoid prolonged inhalation of the vapors. Refer to Safety Data Sheet for complete safety information. Product must be kept in a sealed container. **Always mix prior to use.**

SALES@GRANTCOATINGS.COM

Disclaimer: Although the information is presented in good faith and believed to be correct, Grant Industries makes no representations or warranties as to the completeness or accuracy of Information. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Grant Industries be responsible or liable for any loss of profits, lost goodwill, direct, special, indirect, incidental, or consequential damages of any nature whatsoever, including without limitation lost revenues, resulting from the use of or reliance upon Information or the product to which Information refers. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers.