

Technical Data Sheet

GRN-9901

GreenMaster Low VOC
Gloss AQ Coating



KUSTOM
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Product Description

GRN-9901 was developed to help reduce the carbon footprint in your pressroom. **GRN-9901** contains a very low percentage of VOC's and is formulated to set and dry extremely fast with minimal energy consumption. Also, Kustom Group's aqueous coatings do not contain zinc oxide, alcohol, or any HAP's materials. The absence of these materials allows for use where BAT, FDA Indirect food and prop 65 compliance are needed. Finally, recent studies have concluded that water-based systems in general have lower overall environmental impacts, for relative factors in addition to lower life cycle costs.

Performance Characteristics

- Sustainable
- Less than 1% VOC's
- No Zinc
- Fast setting will allow for reduce dryer and IR temperatures.
- Exhibits good gloss

Physical Properties

- **Solids:** 40-45
- **Specific Gravity:** 1.02
- **Viscosity:** 16-18" #3 Zahn
- **VOC's:** >1%

PIGMENT SELECTION

Most aqueous coatings are alkaline in pH because of the presence of ammonia. We recommend that the printer avoid the use of inks containing pigments that may bleed or change color when being exposed to an aqueous coating. Pigments that typically exhibit this sensitivity to alkali include YS Rhodamine, BS Rhodamine, Methyl Violet, Fluorescent, Red Lake C, Alkali Blue (Reflex Blue) and possibly other pigments. Many pigments normally considered safe, may prove to be problematic in low color strength color matches. The safest option is to use inks formulated to resist the potential to burn. As a precaution, we strongly recommend that new pigments and ink formulations be evaluated with this coating

FOR YOUR PROTECTION:

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DATE REVISED: 07/01/2019