

# Premier Imaging Products, LTD.

## PremierArt ECO Print Shield Roller Application Instruction Sheet

ECO Print Shield is the only coating that has been certified by Wilhelm Imaging Research, and also recommended by Epson and HP. Please review this instruction sheet and visit our website for videos and photos before using. We also have instructions for applying ECO Elegance, our NEW Environmentally Friendly embellishing gel used for creating an impasto look and feel to your inkjet prints!

[www.ECOprintshield.com](http://www.ECOprintshield.com)

**Product Description:** PremierArt's ECO Print Shield is an Environmentally Friendly water based protective coating designed specifically for **water resistant inkjet canvas**. Our coating will not yellow, it will increase longevity, protect from moisture, ozone, UV rays, fingerprints and abrasions. We use a unique combination of acrylic resins with a new cross-linking technology which seals the print, prevents cracking when stretching canvas and will never go brittle. Compatible with dye, pigment and eco-solvent inkjet inks.

### \*\*\*IMPORTANT\*\*\*

ECO Print Shield will cause inks to lift on non-water resistant canvas.

ALL PremierArt Generations Canvases are water resistant.

Go to: [premierart.info](http://premierart.info) for Generations Canvas information and a dealer near you.

**Media Preparation:** Inkjet prints must be completely dry before applying ECO Print Shield. A minimum of 24 hours is recommended to allow for out-gassing and the inks to dry. Drying time will vary depending on the temperature, humidity and air flow.

**Protection:** Use protective eyewear, gloves and a proper breathing mask when applying ECO. Exhaust ventilation is also recommended.

**Tip!** \*Separation is normal, shake vigorously and use a nylon paint strainer to dissolve back into smooth liquid state. Use a paint paddle if sitting for long periods of time or a paint shaker.

**Tip!** \*Streak Free Rollers are available at most paint stores and will minimize roller marks which are inherent with some Hi-Density foam rollers.

**Tip!** \*Matte finish: The Matte finish has the most diffusing agents which are semi-opaque and can appear hazy in dark areas of prints especially solid black. To minimize this affect, use the Gloss ECO for your 1st and 2nd coats, and finish with a 3rd coat of Matte. For overall best results, always start with 2 coats Gloss and your last coat either Satin or Matte.

**Tip!** \*Do not apply outside, too much dust.



## APPLICATION

**Humidity and Temp:** For best results the humidity should be between 40%-60% and temperature between 60f-80f. Lower humidity will cause **ECO** to dry too fast, causing uneven marks on your print.

**Agitation:** Separation is normal with most water based products so it is important to shake vigorously to insure solution is evenly dispersed (homogenous) before using. A nylon paint strainer is recommended as one of the tools needed for preparation of **ECO** and to insure no skimming on your print. Use a paint paddle or paint shaker if sitting for long periods of time.

**Dilution:** **ECO** can be diluted up to 20% with distilled or filtered water to thin down for spray guns or roller application. (**Do Not Shake After Dilution**) This is your working solution, keep separate, do not mix with original container and close after each use.

**Application/Rolling:** Use high density Streak Free foam rollers or Shed Resistant short nap rollers for best results. Apply 1st coat very thin, (**DO NOT FLOOD OR SATURATE**) treat as a primer coat just sealing the top off the print not saturating and do not work the coating around in one spot as this may cause the inks to bleed. The goal is for a very thin even layer across the entire print from edge to edge without any puddles or pooling up. For best results use a 2<sup>nd</sup> roller that is not loaded with **ECO** to remove roller marks, even out the coating and to flatten out any bubbles. **\*DO NOT APPLY 2<sup>nd</sup> COAT UNTIL 1<sup>st</sup> COAT HAS CLEARED\*** Dry time between coats may vary from 10-15 minutes depending on room temperature, humidity and ventilation. Look in the darkest areas of your print to make sure all opaqueness has disappeared and then you can apply the second coat and begin to work the coating to create a nice even finish. Repeat for 3rd coat.

Do not let **ECO** puddle or pool up.

**\*\*\*Do not attempt to speed up dry time in between coats\*\*\***

**\*\*\*The two roller method is recommended for best results\*\*\***

**\*\*\*No a/c, heat, fans or air movement only exhaust ventilation\*\*\***

**\*\*\*Cover your paint tray with plastic wrap in between coats to avoid hardening\*\*\***

**Stretching:** You can stretch your print after 2 hours of drying time. Use smooth, slightly rounded stretcher bars and **DO NOT OVER-STRETCH** which will cause edge cracking.

**\*\*\*COLD & DRY ENVIRONMENT MAY CAUSE CRACKING WHEN STRETCHING\*\*\***

**Clean Up:** Use warm water, rinse thoroughly, wipe down and dry all items used.

**Curing:** This is different from drying, curing is the time it takes **ECO** to reach its maximum protective properties. Before you package your prints or display in a harsh environment, reaching a full cure is important. Curing time will vary from 72 hours and longer, depending on room temperature, humidity and air flow. You can speed up the curing time with low humidity, air flow and ventilation.

**CAUTION:** Keep out of reach children. Harmful or fatal if swallowed. May cause skin or eye irritation. Wear gloves and eye protection. Use only with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate respirator during application until fumes are gone.

**FIRST AID:** In case of direct eye contact, flush with plenty of water for 15 minutes and seek medical attention. If swallowed, get medical attention immediately. If affected by vapors or spray mist, move to clean fresh air. In case of skin contact, wash with soap and warm water.

### HMIS Rating

**Health: 0 Reactivity: 0 Flammability: 1**

For chemical emergency 24/7 call INFOTRAC 1-800-535-5035 (US) All others call (+) 1-352-323-3500  
In case of spillage, absorb with inert material and dispose of in accordance with local regulations. MSDS are available at [www.premierart.info](http://www.premierart.info) Premier Imaging Products 1-800-508-5122 (+) 1-805-983-1472