

ALPHA 2022S Press Wash TECHNICAL DATA SHEET



Description

ALPHA 2022S Press Wash is a completely new design in pressroom chemistry, formulated to lift ink away from the surface of the blankets and rollers. ALPHA 2022S cleans conventional and UV inks and removes photoinitiators as well as other chemical contaminants that may get trapped in rollers during the print or wash-up process. ALPHA 2022S Press Wash also helps condition and restore your rollers to their original size, increasing their service life and it is safe for use on EPDM rubber. ALPHA 2022S Press Wash rinses quickly without leaving behind oily residuals which allows for fast make-ready times, even when switching from UV to conventional ink, enabling you to get to color quickly without the paper waste that commonly occurs with the use of many lower VOC press washes. ALPHA 2022S Press Wash is ultra-low VOC (100 grams/liter), requires no premixing or diluting and contains no Hazardous Air Pollutants.

Application Information

Safety First - Review Safety Data Sheet (SDS) and secure proper Personal Safety and Protective Gear.

Hand Wash/Manual Application:

Cleaning Rollers

Using a wash-up bottle, apply ALPHA 2022S in a continuous pouring/squirting motion starting at one end of the roller and working across to the opposite end of the roller, then back. This is one cycle.

Step 1. With wash-up blades Unengaged, apply one cycle of ALPHA 2022S to the rollers and allow the solution to work its way down the roller train and start breaking up the ink for approximately 30-45 seconds.

Step 2. Repeat Step 1.

Step 3. Engage wash-up blades and repeat Step 1. Allow enough time for the blade to remove as much ink as possible (typically 30-45 seconds) then follow-up with a water rinse.

1. Use an ample amount of water to help remove all contaminants and residuals.
2. **If signs of ink are still present after the rinse cycle, remove the wash-up tray and wipe the wash-up blade clean.***
3. Repeat the rinse procedure to make sure contaminants and residuals are rinsed and flushed out of the unit.

*Ink may become trapped behind the wash-up blade as the wash removes it from the rollers, causing the ink to build up and preventing the roller train from getting completely clean. If this occurs, remove the wash-up tray and wipe the wash-up blade clean and repeat the wash-up procedure. Remember to use an ample amount of water to flush out all the contaminants and residuals that the wash has cleaned from the rollers.

Cleaning Blankets

Apply ALPHA 2022S Press Wash to your favorite shop cloth and wipe the blanket, allowing the wash to penetrate the ink surface and start emulsifying the ink. Once the ink is emulsified, a second application may be necessary. (The amount of ALPHA 2022S Press Wash and cleaning effort needed varies with how dirty your blankets are.) A quick follow-up with a water-dampened cloth is recommended. Blankets are now clean and ready to run.

Automatic Wash Systems:

Cleaning Blankets and Rollers

To use ALPHA 2022S Press Wash in your Auto-Wash System, it is recommended that you assist the auto-cleaning processes by applying a single application of wash to the rollers prior to engaging the Auto-Wash system. This will help the Auto-Wash system breakdown and emulsify the ink more efficiently. As with the manual application, the **ink may become trapped behind the wash-up blade** as the wash removes it from the rollers, causing the ink to build up and preventing the roller train from getting completely clean. **If this occurs, remove the wash-up tray and wipe the wash-up blade clean and repeat the wash-up procedure.** Remember to use an ample amount of water to flush out all the contaminants and residuals that the wash has cleaned from the rollers.

For first time installations, we recommend consulting with an Explorer Pressroom Solutions representative prior to use.

Typical Properties of ALPHA 2022S Press Wash

VOC = 0.83 lb./gal. (100 grams/liter)
Dry Time = Medium/slow
Color = Clear/Slight Yellow
Flashpoint = >200°F
Odor = Mild solvent odor
Reportable Ingredients = None/Zero

Advantages and Benefits

- FOGRA approved on KBA sheetfed presses.
- Low VOC product
- NO Hazardous Air Pollutants
- Not RED LABEL (High Flash Point)
- COMPLETELY STABLE FORMULA
- NO lingering oily residuals or contaminants
- Removes photoinitiators and chemical contaminants
- Increases roller life (users experience 50-70% more roller life) = Decreased maintenance cost
- Drastically reduces paper waste during make-ready = Decreased production cost
- Decreases make-ready time and increases productivity = Decreased production cost
- Dramatically reduces the time and material required to switch from UV to Conventional ink = Decreased production cost
- Excellent cleaning power – Equal to, *if not better than*, conventional washes
- Easy to use for Manual and Auto Applications
- Formulated for both blankets and rollers
- Extremely Cost-Effective
- Readily biodegradable

Packaging

ALPHA 2022S Press Wash is available in quantities of 1 gallon, 5 gallons, and 55 gallons.