

912 Fount Drier

Dampening solution additive to boost drying of Inks

DESCRIPTION:

The principle of drying of conventional offset inks is by absorption and oxidation. The drier incorporated by the ink makers in their inks prove insufficient when printing on non-absorbent and semi-absorbent surfaces. Since the absorption of such substrates is very less, the only way to speed up the drying of the inks is by oxidation. 103 Fount drier contains the same driers that are present in the inks but in a liquid form. This product when added to the dampening solution, emulsifies with the ink and speeds up the oxidation of inks, thereby cutting down the ink drying time substantially. Apart from drying the product also improves the setting of inks on such surfaces.

DIRECTIONS FOR USE:

Prepare your dampening solution as required by regular method. i.e. Add Fount, IPA or IPA substitute as regular tp the dampening solution. Then add this product in the ratio between 2% to 5% of the total volume of the dampening solution in the dampening circulation system.

FEATURES AND BENEFITS:

- o Speeds up the oxidation of inks and helps in cutting down on drying time.
- o Allows printing establishments using conventional inks to print on semi/non-absorbent surfaces.
- o Improves the setting of inks. Fount Drier is not applied directly into the ink, so ink-related problems can be avoided.

SPECIFICATIONS:

Appearance: Dark Purple solution.
Boiling Range: > 100°C
Specific Gravity: 1.100 - 1.130 g/ml @ 25°C
Volatile contents: Approximately 76.5% w/w
pH: 5.0 - 5.5
Solubility in water: Soluble in all ratios.
Flash Point: Approximately 75°C.

PACKAGING

1 LTR X 15 BOTTLES

Technical Data Sheet

HMIS® RATING	
PRODUCT NAME : 912 FOUNT DRIER	PRODUCT CODE : 912
HEALTH • MAY BE HARMFUL IF SWALLOWED. • MAY CAUSE SKIN AND EYE IRRITATION.	1
FLAMMABILITY • COMBUSTIBLE LIQUID. • FLASH POINT: >93°C (CLOSED CUP)	0
PHYSICAL HAZARD • STABLE UNDER NORMAL CONDITIONS. • AVOID STRONG OXIDIZING AGENTS.	1
PERSONAL PROTECTION • SAFETY GLASSES • CHEMICAL RESISTANT GLOVES	B
RATING SCALE 4 = SEVERE HAZARD 3 = SERIOUS HAZARD 2 = MODERATE HAZARD 1 = SLIGHT HAZARD 0 = MINIMAL HAZARD	
PERSONAL PROTECTION INDEX A B C D E F G H J K Consult MSDS Section 8 for appropriate PPE selection.	
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