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Innovation in Packaging
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2020



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Solvent Based Rotary Pad Printing Inks



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WADAAN INKS & COATINGS

UV Dry Offset Inks



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WADAAN INKS & COATINGS

UV - Offset



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WADAAN INKS & COATINGS

UV - Flexo



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WADAAN INKS & COATINGS

UV - Curable Overprint Varnishes



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WADAAN INKS & COATINGS

UV Screen Printing Inks



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Solvent Based Screen Printing Inks

WADAAN

Printing Inks & Coatings

Wadaan Solvent-based Rotary Pad Inks

Description

Vast range of premium quality single & two component solvent based Rotary Pad printing inks for PE, HDPE & PP.

Application

Wadaan SB : Pre-treated printing on blow & injection moulded PP, PE, HDPE, PET, ABS, Polycarbonate containers and coated metal

Properties

- ♦ Excellent Adhesion to treated, PE, HDPE & PP substrates
- ♦ Fast drying
- ♦ Good ink-to-ink adhesion
- ♦ Colour matched to Pantone
- ♦ Extra opaque white
- ♦ High gloss colours
- ♦ Good scuff and scratch resistance
- ♦ Tape resistant (treatment level should be at least 40 dynes)
- ♦ Resistant to low & high temperatures
- ♦ Low odour
- ♦ Heavy- metal free pigments
- ♦ Light fast

Auxiliaries

- ♦ Viscosity reducer max. 20 to 30% addition
- ♦ Wadaan reducers (normal dry)
- ♦ Wadaan retarder (slow dry)
- ♦ Wadaan cleaning solvents (for cleaning purpose of screens & equipment)



Wadaan Industries L.L.C.

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Wadaan

Printing Inks & Coatings

Wadaan Ultra-Violet Dry Offset Ink



Description

UV-Curable dry offset printing inks

Application

For Printing PS, PP, PET, PC Packaging Cups, Closures, Buckets & Tubes

End Use

PS, PP, PET, PC Packaging dairy cups, pails, closures, styro foam & paint buckets.



Properties

- ♦ Excellent adhesion to treated, PS , PP, PC substrates
- ♦ Fast curing
- ♦ Solvent resistant
- ♦ Colour matched to Pantone
- ♦ Vibrant colour
- ♦ Good scuff, mar and scratch resistant
- ♦ Tape resistant (treatment level should be at least 40 dynes)
- ♦ Low odour
- ♦ Low extractable, ITX & Heavy- metal free pigments
- ♦ Excellent transfer



Auxiliarie

- ♦ Mixing white for colors matching
- ♦ Tack reducer
- ♦ Curing additives for dark colors
- ♦ Wadaan cleaning solvents (for cleaning purpose of equipments)



Packing

- ♦ 1 - 5 Kg Plastic Can

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WADAAN

Printing Inks & Coatings

UV Screen Printing Inks

Description

UV-Curable Screen Printing Inks

Application

For Printing blow & injection moulded containers

End Use

HDPE, PP, PET, polycarbonate containers for packing lubricants, dishwashing detergent bottles, pails packaging for grease and vegetable oil

Properties

- ♦ Excellent adhesion to treated, HDPE, PP, PC substrates
- ♦ Fast curing
- ♦ Solvent resistant
- ♦ Colour matched to Pantone
- ♦ Extra opaque white
- ♦ High gloss colours
- ♦ Good scuff and scratch resistance
- ♦ Tape resistant (treatment level should be at least 40 dynes)
- ♦ Resistant to various fillings like oil, grease lubricates, etc.
- ♦ Low odour
- ♦ ITX & heavy- metal free pigments

Auxiliaries

- ♦ UV Reducer Max. 5 - 10% addition
- ♦ Clear Varnish for extra protection & high gloss
- ♦ Curing additives for dark colors
- ♦ Wadaan cleaning solvents (for cleaning purpose of screens & equipment)



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Wadaan UV

UV-Curable Flexo Printing Ink

Product Description

Wadaan UV Flexo Series (WF) are UV Curable (Free Radical) Flexo printing inks for printing on self-adhesive labels. Wadaan UV Flexo Inks have been formulated to have excellent flow properties, optimized rheology, good colour strength, good reactivity, high gloss, good adhesion and minimal foaming in the ink tray/chamber.

Substrates

- ◆ Corona pre-treated PE, BOPP, OPP
- ◆ Top coated PP and PE
- ◆ Pre Coated PET
- ◆ PVC
- ◆ NC Lacquered Aluminium Foil
- ◆ Coated and Uncoated Paper



Properties

- ◆ Excellent Adhesion
- ◆ Fast curing speeds
- ◆ Color matched to Pantone
- ◆ Extra opaque white
- ◆ High gloss colors
- ◆ Good scuff and scratch resistance
- ◆ Low odour
- ◆ ITX and heavy- metal free

Color Availability

- ◆ Opaque White, Process colors (CMYK),
- ◆ Pantone Mixing Colors & Pantone Matched Colors



Auxiliaries

- ◆ UV Reducer Max. 5% addition (to reduce viscosity)
- ◆ UV P.I Additive Max. 5% addition (to speed up cure)
- ◆ UV Slip Additive Max. 2% (to increase slip)

Packing

5 kg (NET) plastic cans



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Wadaan UV

UV-Curable Overprint Varnishes



Product Description

- ◊ A range of UV-curable overprint varnishes applied in-line on an offset or flexo press, off-line on an independent coater or via silk screen

Performance

- ◊ Various effects from high gloss to ultra matt
- ◊ Various properties from high release to foil block-able
- ◊ Safe for use on the outside of food packaging
- ◊ Low migratory photo initiators (ITX & Benzo-free)
- ◊ Fast curing speeds
- ◊ Non-yellowing on aging
- ◊ Low odor, environmentally safe
- ◊ All Wadaan UV Coatings are formulated SOLVENT-FREE



Coat

- ◊ Magazine covers
- ◊ Food, cosmetic and pharmaceutical packaging
- ◊ Self-adhesive labels.



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Wadaan

Printing Inks & Coatings

Pigment Paste Color for Fiberglass

Description

UV Stabilized Polyester Pigment Paste for Fiberglass

Application

Highly concentrated, UV- Added pigment paste for coloring gelcoats and resins

End Use

Coloring Fiberglass, composites, water tanks, artificial tiles, fire boxes, play rides etc

Properties

- ♦ 100% monomer-free
- ♦ Highest pigment concentration
- ♦ Excellent flow properties
- ♦ UV Protected vibrant, glossy colours
- ♦ Extra opaque white
- ♦ Excellent light fastness
- ♦ Good scuff and scratch resistance
- ♦ Low odour
- ♦ Heavy- metal free pigments
- ♦ Follow RAL & PANTONE colour

Storage & Handling

Keep away from direct sunlight.

Store at temperatures between 15O and 25O C.

Under these conditions, a shelf-life of 12 months from the date of manufacture is guaranteed.

Packing

1 kg (NET) plastic can

5 kg (NET) plastic bucket

20-25 (NET) plastic pails

200 kg (NET) drums



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UNI COAT

Auto Refinishes



Properties

- Excellent Adhesion
- Fast drying speeds
- Color matched to Pantone
- Extra opaque white
- High gloss colors
- Good scuff and scratch resistance
- Low odour



Color Availability

- Opaque White, Process colors (CMYK),
- Pantone Mixing Colors & Pantone Matched Colors

Packing

Clear Lacquer 1 kg printed cans
Hardener 500 gm printed cans
Lacquer Thinner 4 to 5 Ltr printed cans

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