

Wadaan Profile

Wadaan Industries LLC is a reliable Ink & Coating manufacturer in United Arab Emirates. Since establishment in 2012, Wadaan is now the leading supplier of superlative quality UV Silkscreen, UV Dry Offset, Solvents based SCREEN & PAD inks in Middle East. Wadaan has earned a well renowned name in a short period of time by providing standard consistent quality products with provision of on the spot solutions for daily print challenges.

Wadaan inks are produced under the supervision of experienced technical team. Backed up by well-equipped in-house laboratory, Pantone colour matching system and dedicated staff. Wadaan has been constantly producing custom made inks for Industrial Printing applications by keeping the industrial & customer's requirements at top priority. The customer centric approach of Wadaan Industries with modern R&D setup has enabled us to set new bench marks in the industry. Achieving client satisfaction is the prime accomplishment of the company.

Wadaan has strived to enrich people's daily lives through development of colours and committed itself to ensure safe operations with its reliable products and services, protecting health and safety, preserving the environment, conserving energy, natural resources and strictly complying with environment regulations. Wadaan has set a target to reduce the chemical emissions & volume of waste generated during manufacturing process.

We Wadaan Industries, invested in technical innovation by putting infrastructure in place which ensures absolute top priority with all possible measures and setting new standards to preserve the environment by producing user friendly, low extractable and lead free inks.

Wadaan Team



Wadaan

Printing Inks & Coatings

Wadaan Solvent-based Screen Inks

Description

Vast range of premium quality single & two component solvent based screen printing inks for PE, HDPE, paper & board, PVC sheets, glass, coated & un-coated metal etc

Application

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

Wadaan GL : Two component (solvent resistant ink) for glass, metal & ceramic

Wadaan PVC: Paper & board, PVC labels & sheets

Wadaan PP : Untreated polypropylene jars & buckets

Properties

- ♦ Excellent Adhesion to treated, PE, PCPC substrates & coated metal drums
- ♦ 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 various fillings like oil, grease lubricates, etc.
- ♦ Low odour
- ♦ Heavy- metal free pigments

Auxiliaries

- ♦ Viscosity reducer max. 5% addition
- ♦ Wadaan reducers (normal dry)
- ♦ Wadaan retarder (slow dry)
- ♦ Wadaan cleaning solvents (for cleaning purpose of screens & equipment)



Wadaan Industries L.L.C.

P.O.Box: 86496, Ras Al Khaimah - U.A.E, T: +971 7 243 8260, F: +971 7 243 8268, E-mail: wadaanone@gmail.com

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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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

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 diary 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 UV

UV-Curable Offset Printing Ink

Product Description

- ◆ High Performance UV-curable offset ink formulated for printing on paper, board, metalized board and selected plastics.

Performance

- ◆ Excellent adhesion
- ◆ Overprints well with Wadaan UV Varnishes
- ◆ Safe for use on the outside of food packaging
- ◆ Low migratory photoinitiators (ITX-free)
- ◆ Good ink flow and transfer properties
- ◆ Fast curing speeds
- ◆ Low odor, environmentally safe

Print

- ◆ Food, cosmetic and pharmaceutical packaging
- ◆ Magazines, brochures and POP materials
- ◆ Calendars, annual reports and boxes



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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 WP Ink Series

Wadaan Solvent-based Screen Inks

Description

Vast range of premium quality single & two component solvent based screen printing inks for untreated PP Substrates like buckets, cans, closures, battery cases & syringes

Application

Wadaan PP : Untreated polypropylene jars & buckets

Properties

- ♦ Excellent Adhesion to untreated 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
- ♦ Low odour
- ♦ Heavy- metal free pigments
- ♦ Light fast

Auxiliaries

- ♦ Viscosity reducer max. 10 - 20% addition
- ♦ Wadaan reducer (normal dry)
- ♦ Wadaan retarder (slow dry)
- ♦ Wadaan cleaning solvents (for cleaning purpose of screens & equipment)



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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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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)



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Wadaan

Printing Inks & Coatings

Pigment Paste Color for Fiberglass

Description

Polyester Pigment Paste for Fiberglass

Application

Highly concentrated pigment paste for coloring gelcoats and resins

End Use

Coloring Fiberglass, water tanks, fire boxes, play rides etc

Properties

- ◆ 100% monomer-free
- ◆ Highest pigment concentration
- ◆ Excellent flow properties
- ◆ 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

5 kg (NET) plastic bucket
20-25 (NET) plastic pails
200 kg (NET) drums



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Printing Inks & Coatings



Wadaan Solvent-based Screen Inks

Description

Vast range of premium quality single & two component solvent based screen printing inks for PE, HDPE, paper & board, PVC sheets, glass, coated & un-coated metal etc

Application

- Wadaan SB : Pre-treated printing on blow & injection moulded PP, PE, HDPE, PET, ABS, Polycarbonate containers and coated metal
- Wadaan GL : Two component (solvent resistant ink) for glass, metal & ceramic
- Wadaan PVC: Paper & board, PVC labels & sheets
- Wadaan PP : Untreated polypropylene jars & buckets

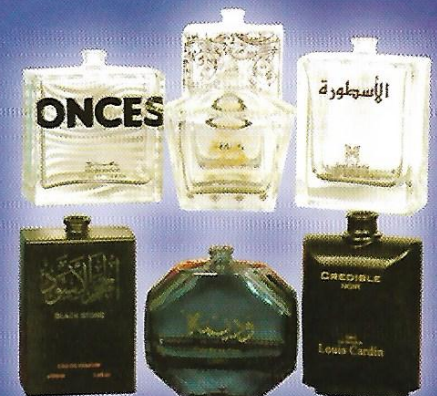


Properties

- ◆ Excellent Adhesion to treated, PE, PPCP substrates & coated metal drums
- ◆ 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 various fillings like oil, grease lubricates, etc.
- ◆ Low odour
- ◆ Heavy- metal free pigments

Auxiliaries

- ◆ Viscosity reducer max. 5% addition
- ◆ Wadaan reducers (normal dry)
- ◆ Wadaan retarder (slow dry)
- ◆ Wadaan cleaning solvents (for cleaning purpose of screens & equipment)



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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 cups & containers

End Use

PS, PP, packaging diary cups / buckets & 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

Auxiliarie

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



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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 Offset Printing Ink

Product Description

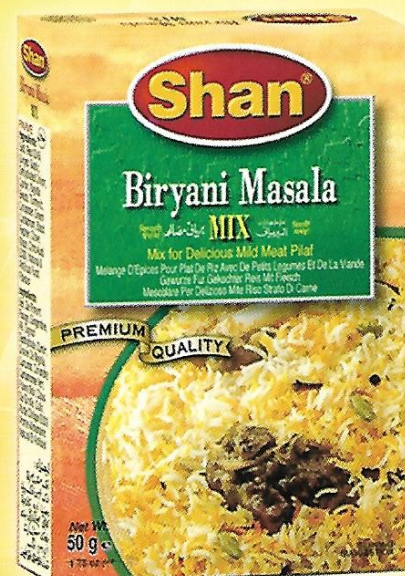
- ◊ High Performance UV-curable offset ink formulated for printing on paper, board, metalized board and selected plastics.

Performance

- ◊ Excellent adhesion
- ◊ Overprints well with Wadaan UV Varnishes
- ◊ Safe for use on the outside of food packaging
- ◊ Low migratory photoinitiators (ITX-free)
- ◊ Good ink flow and transfer properties
- ◊ Fast curing speeds
- ◊ Low odor, environmentally safe

Print

- ◊ Food, cosmetic and pharmaceutical packaging
- ◊ Magazines, brochures and POP materials
- ◊ Calendars, annual reports and boxes



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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

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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