

INDOFIL TEXTILE CHEMICALS
Solutions for the Textile Industry



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INDOFIL TEXTILE CHEMICALS



Superior Quality Textile Chemicals






INDOFIL
INNOVATIVE SOLUTIONS
 (DIVISION OF INDOFIL INDUSTRIES LTD.)
 An ISO 9001 & 14001 Certified Company

Our Vision

"Global Leader
in Growth
with
Customer Success"

Our Mission

Our mission is to achieve leadership in **Growth Rate**. We will leverage our efficient R&D, Registration, Manufacturing and Marketing competencies through our Committed and Proficient Team.

We will to make our customers Successful by providing **High Quality** Products, Services and Solutions in Domestic and Global markets.

To expedite growth, we will use **Collaborations, Acquisitions and Manufacturing** proximity to the market in the segments of Crop Care, Specialty and Performance Chemicals.

Corporate Social Responsibility

Indofil Industries Limited ("Indofil") is committed to conduct its business in a socially responsible, ethical and environmentally friendly manner and to continuously work towards improving quality of life of the communities in its operational areas.

INDOFIL INDUSTRIES LIMITED headquartered in Mumbai is a research-led and fully integrated Chemical Company. In a short span of time we have emerged as a successful and vibrant enterprise, riding high on a simple philosophy of retaining loyalty and enlarging the fold of satisfied customers.

The vision of INDOFIL INDUSTRIES: "Global leader in growth with customer success" Drives our focus on market opportunities with growth and enhanced value creation for our esteemed customers. We have a highly skilled techno-commercial team that believes in working with the customers as partners to develop products and services to meet their present and future needs.

INDOFIL has a very strong domestic base and a well-recognized international presence. Both businesses viz, Agricultural Chemicals and Innovative Solutions are poised for much faster growth through partnerships and joint ventures for manufacturing, marketing and research and development activities with prospective companies across the world.

Indofil Innovative Solutions Ltd

Indofil Innovative Solutions is a part of Indofil Industries Ltd which is a leading manufacturer and supplier of specialty performance chemicals being used by a wide variety of small, medium and large industrial manufacturers globally. Indofil Innovative Solutions strives to be a part of this growth by keeping itself updated with the state – of – the – art technologies for its portfolio of products. Indofil Innovative Solutions responds to the very specialized needs of diverse industry segments such as Textiles, Leather, Paper, Coatings and Plastics.

Research & Development

Indofil's R&D department has grown to become a force to reckon with, contributing significantly to the company's growth. The R&D works closely with the Strategic Business Units and the manufacturing groups. Cross Functional approach brings in more interaction among scientists for adopting the latest trends / technology required for industry growth in shortest possible time.

Certifications

Our major range of textile products are GOTS 6.0 (Global Organic Textile Standard) and ZDHC Certified. Most of the products range for printing also comply Eco-Passport and REACH. We have also following general certifications in the organization.

- Certificate of Accreditation by National Accreditation Board for Testing & Calibration Laboratories (NABL)
- Det Norske Veritas Management Certificate – ISO 14001: 2004
- Det Norske Veritas Management Certificate – ISO 9001: 2015
- Export House: 2005

INDOFIL PRODUCT RANGE

PRINTING BINDER RANGE



Product	Appearance/ Colour	pH (as packed)	% Solid content +/-1	Viscosity in cps @ 25°C	GOTS Certification	Features and benefits
ACRYLIC BINDERS AND FORMULATIONS						
Indofil ESVS	Milky white emulsion	6.0-8.0	38	500 max	GOTS Certified	Pigment printing binder with excellent fastness properties with soft handle and resistance to dry cleaning.
Indofil ESVS AD	Milky white emulsion	6.0-8.0	38	500 max	GOTS Certified	Pigment printing binder to achieve excellent rubbing and washing fastness.
Indofil LC- 40 ECO	Milky white emulsion	4.5 - 5.5	55	150 Max	GOTS Certified	Non detectable formaldehyde content, High solid acrylic emulsion with excellent binding capacity. Suitable for coating, lamination, fixation accelerator and many other special formulation.
Indofil ESVS Super	Milky white emulsion	6.0-8.0	38	1300-1700	GOTS Certified	Self Cross linking Acrylic Co-Polymer. Better electrolytes and shear stability. Having excellent runnability and fastness properties.
Indofil ESVS Plus	Milky white emulsion	6.0-8.0	35	500 max	GOTS Certified	Self cross linking pigment printing binder for very good fastness properties.
Indofil ESVS SOFT	Milky white emulsion	7.0 - 9.0	30	500 max	GOTS Certified	Self cross linking pigment printing binder for excellent hand feel properties like as a reactive printing.
Indofil ESVS EXCEL	Translucent white emulsion	6.0-8.0	38	100 max	GOTS Complied	Self cross linking acrylic copolymer for excellent all round fastness properties. Prints are soft and fast to dry cleaning.
Indofil ESVS HP	Milky white emulsion	6.0-8.0	38	500 max	GOTS complied	Low formaldehyde Pigment printing binder with superior fastness properties with soft handle and resistance to dry cleaning.
Indofil BB007	Milky white emulsion	6.0-8.0	38	1300-1700	GOTS Certified	Self Cross linking Acrylic Co-Polymer. Having excellent runnability and fastness properties.
Indofil NK	Milky white emulsion	7.0 - 9.0	38	100 max	GOTS Certified	Pigment printing binder for pleasantly soft handle having all round fastness properties.
Indofil AR-100	Milky white emulsion	6.0-8.0	35	500 max	GOTS Certified	Self cross linking pigment printing binder for very good fastness properties.
Indofil KB 100ECO	Milky white emulsion	4.5 - 5.5	55	150 Max	GOTS Certified	Non detectable formaldehyde content, High solid acrylic emulsion with excellent binding capacity. Suitable for coating, lamination, fixation accelerator and many other special formulation.
Infigo Soft ESB	Milky white emulsion	7.0 - 9.0	38	100 max	GOTS Certified	Pigment printing binder for pleasantly soft handle having all round fastness properties.
Indofil VBT	Milky white emulsion	6.0-8.0	35	100 Max	GOTS Certified	Self cross linking pigment printing binder for very good fastness properties.
Indofil HPAB	Milky white emulsion	6.0-8.0	35	500 max	GOTS Certified	have very good running properties, pleasingly soft handle and resistant to ageing
Indofil EVS	Milky white emulsion	6.0-8.0	30	500 Max	GOTS Certified	Pigment printing for regular requirements.
Indofil PB 100	Milky white emulsion with blue tinge	6.0-8.0	30	1300-1700	GOTS Certified	Self Cross linking Acrylic Co-Polymer having bluish tinge. Excellent runnability and fastness properties.
Indofil EVS AD	Milky white emulsion	6.0-8.0	30	500 Max	GOTS Certified	Pigment printing for regular requirements. Very good running properties. Rresistant to ageing
Indofil PBW 100	Milky white emulsion	6.0-8.0	30	1300-1700	GOTS Certified	Self Cross linking Acrylic Co-Polymer. Having excellent runnability and fastness properties.
Indofil CKP	Milky white emulsion	6.0-8.0	26	500 Max		Pigment printing for regular requirements.
Indofil ESVS liq.	Milky white emulsion	6.0-8.0	21	500 Max	GOTS Certified	Pigment printing for regular requirements.
Indofil TR - 42	Milky white emulsion	7.5 - 8.0	38	150 Max		Excellent pigment printing binder to achieve excellent fastness parameters . Suitable for discharge printing
Indofil FI 36 TL	Light bluish Emulsion	7.5-8.5	36	100-200		Acrylic Copolymer Emulsion for water based inks.

PRODUCTS FOR SPECIAL EFFECTS



Product	Appearance/ Colour	pH (as packed)	% Solid content +/-1	Viscosity in cps @ 25°C	GOTS Certification	Features and benefits
DRY DISCHARGE PASTE						
Indofil DWP	White Viscous Paste	9.5 – 10.5	44	20 -30 dPas.	GOTS Certified	It is a white paste used alongwith discharging agent in dry discharge package. Produces soft handle with excellent opacity. Saves time,energy water as compared to wet process.
Indofil DCP	White paste	9.5 – 10.5	35	20 -30 dPas.	GOTS Certified	It is a clear paste used alongwith discharging agent in dry discharge package. Produces soft handle with brillaint shades. Saves time,energy water as compared to wet process.
Indofil DA	White crystalline powder	3.0 – 4.0		NA		Discharging agent for dry discharge package.Produces excellent discharging effect in combination with dry discharge package.
SPECIALITY PASTE						
Indofil SKP	Bright thick white paste	8.0 - 9.0	57	200 dPas.	GOTS Certified	White stretchable khadi for Rotary printing machine.
Indofil SCPC	Black paste	7.0 - 9.0	39	3000 - 6000		An aqueous compound of self-crosslinking polymer dispersions with additives used to make fabric electrically conductive.
BINDERS FOR WHITE PASTE						
Indofil TR-400N	Milky white thick emulsion with bluish tinge	7.0 - 9.0	35	8000 - 20000	GOTS Complied	Excellent acrylic formulation for khadi paste preparation. Suitable for pigment printing also.
Indofil SBP 94	Milky white emulsion with blue tinge	2.0 - 4.0	45	100 Max	-	Special acrylic formulation suitable for pigment printing, coating, pearl, Jari, Stretched khadi formulation
GOLD BINDERS						
Indofil GB 2001 M	Milky white thick emulsion	6.5 - 7.5		8000 - 15000	-	Binder for metal printing with very bright print, soft handle and high fastness property.
Indofil GB 2022	Translucent thick emulsion	6.0-8.0		6000 - 10000	GOTS Complied	Binder for metal printing with very bright print, soft handle and high fastness property.
FLOCK BINDERS						
Indofil FB 100	Milky white emulsion	6.0 - 8.0	45	100 Max	-	Premium flock printing binder with excellent abrasion performance with soft handle.
Indofil SVM 49	Milky white emulsion	4.0 - 6.0	45	100 Max	-	Flock printing binder with superior abrasion performance with soft handle
Indofil FL FB 45	Milky white emulsion	4.0 - 6.0	45	100 Max	-	Excellent flock printing binder with excellent abrasion performance with soft handle
ADDITIVES						
Indofil SOFT SG	Clear, odourless viscous liquid	5.5-7.5	95	-	GOTS Certified	Applied to improve the fastness of pigment printing and obtain an soft , dry handle
Indofil CNF	Colourless to pale yellow liquid	6.5-8.5	35-40	-	-	Specialty de-aerating agent which rapidly removes air from textile substartes, with very low foam generation and excellent wetting performance.
Indofil Antifoam T	Yellowish liquid	5.0-8.0	99	-	GOTS Certified	Self emulsifying organic antifoam concentrate. An excellent antifoam for textile printing and coating and various industrial application.
Indoifl EAP	Yellow to light brown liquid	6.0-8.0	-	-	GOTS Complied	Special emulsifyer which acts as a antichocking and antifrothing agent.

THICKENERS AND ADDITIVES



Product	Appearance/Colour	pH (as packed)	% Solid content +/-1	GOTS Certification	Major Applications
MELAMINE FORMALDEHYDE FIXERS					
Indofil Fixer LF	Clear colorless liquid	7.5 - 8.5	64	-	Excellent fixer for improving the fixation property of fabric used for pigment printing, coating, flock, stiff finish .
Indofil Fixer CSF	Clear colorless liquid	7.0 - 8.0	64	-	Special cross linking agent with very low free formaldehyde content whose addition to a pigment printing paste enhances its fastness properties.
FORMALDEHYDE FREE FIXERS					
Indofil Fixer ECO	Milky white emulsion	4.5 - 5.5	55	GOTS Certified	Formaldehyde free fixing agent to improve the fastness of pigment printed fabric. Part of formaldehyde free pigment printing package suitable for baby wear.
RHEOLOGY MODIFIER					
Indofil ASE 60 TL	Milky white emulsion	2.0 - 4.0	28	GOTS Certified	Increase the sharpness of print. Rheology modifier and thickening agent for all types of paste .
SYNTHETIC THICKENER					
Indofil KST	Off white emulsion	6.0 - 8.0	-	GOTS Certified	Concentrated and high-polymer synthetic thickener for printing which produces brilliant shades. Paste has excellent running properties.
Indofil PT Conc	Off white emulsion	6.0 - 8.0	-	GOTS Certified	Excellent synthetic thickener for printing which produces brilliant shades. Paste has excellent running properties.
Indofil KST PLUS	Off white emulsion	6.0 - 8.0	-	GOTS Certified	Excellent synthetic thickener for printing which produces brilliant shades. Paste has excellent running properties.
Indofil UPT	Off white emulsion	6.0 - 8.0	-	GOTS Certified	Concentrated and high-polymer synthetic thickener for printing which produces brilliant shades. Paste has excellent running properties.
Indofil PT-EM	Off white emulsion	6.0 - 8.0	-	GOTS Certified	Concentrated and high-polymer synthetic thickener for printing which produces brilliant shades. High stability electrolyte. Paste has excellent running properties.
REACTIVE THICKENER					
Indofil SRPL 100	Whitish creamish fluid	6.0 - 8.0	-	GOTS Certified	High concentration synthetic thickener for reactive printing. It gives sharp, bright and defined prints.
Indofil HRT	Brownish viscous liquid	6.0 - 7.5	-	GOTS Complied	Thickener for reactive printing which produces soft handle with brilliant shades.
SOAPING AGENT					
Indofil VSN	Pale yellow clear liquid	7.0 -9.0	40	GOTS Certified	Excellent dispersing and soaping agent suitable for all stages of dyeing processes for cotton and its blends. Also acts as a chelating agent, water softener and protective colloid.
DISPERSANT					
Indofil 731 TL	Pale yellow clear liquid	9.0 - 9.5	25		It is a versatile dispersant for various latex based coatings and other applications.
Indofil 850 TLC	Colourless to pale yellow	8.0 - 10.0	30	GOTS Certified	Dispersing agent for pigment paste, any formulation containing inorganic fillers etc.

PRODUCTS FOR TECHNICAL TEXTILE



Product	Appearance/Colour	pH (as packed)	% Solid Content ± 1%	Brookfield Viscosity @ 25°C in cps	GOTS Certification	Major Application
ACRYLIC EMULSIONS						
Indofil HA 8 (I)	Milky white emulsion	2.0 - 4.0	45	< 500		For coatings with a soft handle. High binding capacity for fillers and pigments. Suitable for nonwoven & automotive applications.
Indofil HA 55	Milky white emulsion	7.0 - 9.0	38	100 - 500	GOTS Complied	Self-crosslinking, aqueous acrylic dispersion for coatings with soft handle and very good resistance to dry cleaning. Particularly suitable for artist's canvas, luggage coating, interlining.
Indofil HA 24 Eco	Slight off white emulsion	7.0 - 8.0	45	< 200	GOTS Certified	Soft hand feel, self cross linkable, suitable for luggage coating, shiny effects and denim coatings
Indofil HA 24	Milky white viscous emulsion	2.0 - 4.0	45	50 - 400		For coatings with medium soft handle. Universal product for use on base and topcoats, resistant to dry cleaning. Excellent thermo-mechanical stability.
Indofil HA 20	Milky white viscous emulsion	8.0 - 9.0	50	1000 - 5000		Medium soft hand feel. Very good binder for nonwoven applications, Bitumen roofing.
Indofil HA 26	Milky white emulsion	8.5 - 9.5	50	< 300	GOTS Certified	Stiff hand feel, gives shiny surface, suitable for nonwoven processing, luggage & antifraying
Indofil HA 16	Milky white emulsion	2.0 - 4.0	45	200 - 600		For the coating and laminating of all types of fabric. The coated fabrics have a hard, firm handle. Coatings are resistant to wash and dry clean processes. Particularly suitable in dot paste coatings, luggage and interlining.
Indofil HA 30	Milky white viscous emulsion	6.0 - 8.0	45	< 500	GOTS Certified	Hard, self-crosslinking, suitable for stiffening applications for abrasives, nonwovens & interlinings
Indofil HA 500	Milky white emulsion	6.0 - 8.0	50	< 2000		Very stiff binder having low electrical resistance. Can be used in top coats or as a mixing component for top coats. Also suitable for nonwovens with a hard handle. Specially recommended for battery gauntlet fabric.
Indofil HA 80	Milky white viscous emulsion	6.0 - 8.0	45	< 300		Stiff finish for Fabrics, fiberfill and other non-woven fabrics, back coating , abrasives and paper coating. This product is also used in Interlinings and blinds preparation.

Disclaimer: The data contained in this communication is based on the knowledge of these products at the time of publication of this certificate. There are many factors those may affect processing and application of our products. It is the responsibility of the user to assess his final product for the compliance with the relevant standards and requirements.