PAINTS & COATING

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The Indian paint market is expected to rise at an impressive rate in the coming days. The decorative paint business is predicted to grow at a CAGR of 13%, led by a reduction in the repainting cycle. With schools, offices, and other public places slowly opening in smaller towns, we can expect an increase in demand for paints made with sustainable materials.

With 25 years of accumulated experience, ROSSARI BIOTECH LIMITED is among India's leading specialty chemical providers focused on providing customized solutions to our customers in a cost and time-efficient manner.

Our portfolio of products and knowledge about applied chemistry helps our clients to create custom formulation according to their needs.

Painting and coating is the easiest way to transform our surroundings, and it is used to add colours to the surface of an object by covering it with a pigmented (coloured) coating.

To accomplish all the requirements and for smooth operations of paint and coating manufacturing or their applications ROSSARI BIOTECH LIMITED has brought together all the performance Additives required to obtain an excellent Paint and Coating operations.

BINDERS

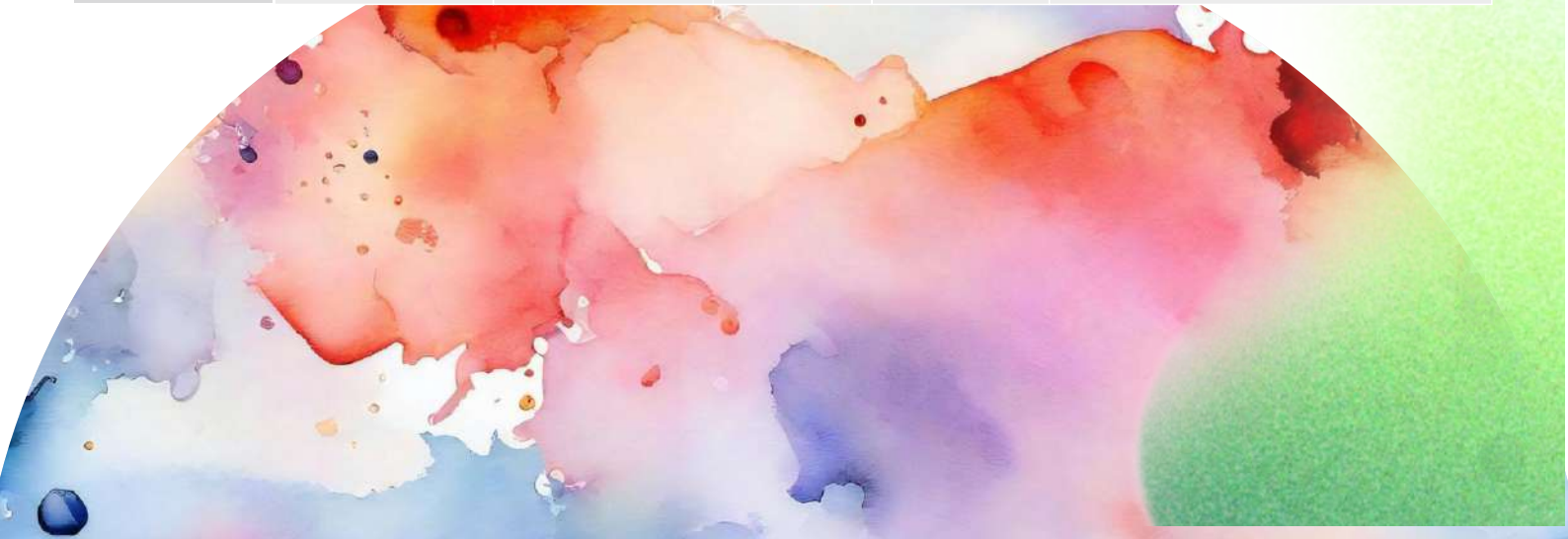
Binders, also known as "Vehicle" or "Medium" is a substance that keeps the pigment of paint in place after the paint dries. It is used to create wet stuff that we call paint. A binder medium can also be defined as an acrylic medium that acts as a sealer.

The binder is the film-forming component of paint, the vehicle that carries the pigment and then dries or cures, holding it in place. The binder is also responsible for adhesion, durability, flexibility, gloss, and other physical properties. Binders and resins for paint are one of the most important elements of a coating.

Typical Characteristics of Acrylic Binders:

- **Occurs in the Form of Acrylate, Styrene-Acrylate or Styrene-Butadiene**
- **Structurally a Water-Borne Dispersion**
- **Occur as Sub-Micron-Sized Particles**
- **Film and Gloss Forming**

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Binders	NEOBIND 7050 SC	Styrene Acrylic Copolymer Emulsion	Appearance	Milky liquid	Neobind 7050 SC Liquid is a specially developed styrene acrylic copolymer emulsion used for all types of acrylic paints
			Solid Content	50 +/-1%	
	NEOBIND 7050 HV	Styrene Acrylic Copolymer emulsion with High Viscosity	Appearance	Viscous Milky Liquid	Used for all types of acrylic paint
			Solid Content	50 +/-1%	
	NEOBIND 7595	Styrene Acrylic emulsion	Appearance	Bluish - Translucent	Durable,high-quality paints and coatings with exceptional water resistance,superior adhesion,and excellent wet scrub performance.Our range includes Exterior Paint, Interior Paint, Texture Paint, High PVC Interior Paint, Acyrlic Emulsion Paint,Acyrlic Distemper, Acyrlic Putty, Primer, and Road Marking Paint. Achieve Lasting beauty and protection for your surfaces
			Solid Content	49.00-51.00%	
	NEOBIND 7145 SA Liq	Styrene Acrylic Copolymer Emulsion	Appearance	Viscous Milky Liquid	Specially designed for production of all types of paints such as textured finishes, interior flat paints, exterior flat paints, interior-exterior coating, matt coating to high gloss coating. Also contributes to excellent long term durability excellent water resistance & Excellent resistance to hydrolysis masonry
			Solid Content	45 +/-1%	
	NEOBIND 7055 AC- S Liq	Pure Acrylic Emulsion	Appearance	Milky white Emulsion	Specially designed for production of all types of paints such as textured finishes, interior flat paints, exterior flat paints, interior-exterior coating, matt coating to high gloss coating
			Solid Content	50 +/-1%	
	NEOBIND 7051 PA Liq	100% Acrylic binder in emulsion polymer	Appearance	Milky White Emulsion	Neobind 7051 PA Liquid is a 100% acrylic binder in the form of emulsion polymer designed for premium quality exterior wall paints, road marking paints and floor paints. The adhesion and resistance has been designed for these applications. It is specially used to make high gloss, abrasion resistance exterior paints. It is a surfactant stabilized system
			Solid Content	50 +/-1%	
	NEOBIND 7155 MC Liq	Modified acrylic emulsion Polymer	Appearance	White Viscous Liquid	Neobind 7155 MC Liquid is a acrylic emulsion polymer especially for flexible cementitious compositions
			Solid Content	57 +/-1%	
	NEOBIND 7047 AP LIQ	Modified acrylic emulsion Polymer	Appearance	White liquid	Neobind 7047 AP Liquid is a modified acrylic emulsion polymer specially designed for modifying cementitious composition. Cement mortars modified with Neobind 7047 AP Liquid are hard, tough and durable compared with unmodified mortars. They are specially useful where thin sections are desirable and where excessive vibration and heavy loads are encountered. Neobind 7047 AP Liquid modified cement mortars have excellent adhesion to a variety of surface such as concrete, masonry, brick, wood, metal, etc
			Solid Content	47 +/-1%	
	NEOBIND 7055 AC	Modified acrylic emulsion polymer	Appearance	Milky white	Neobind 7055 AC Liquid is specially designed for production of all type of paints such as textured finishes, interior flat paints, exterior flat paints, interior-exterior coating, matt coating and high gloss coating
			Solid Content	50%	
	NEOBIND IB 36 LIQ	An aqueous acrylic co-polymer emulsion.	Appearance	Light bluish emulsion	Neobind IB 36 Liquid is an aqueous acrylic co-polymer emulsion
			Solid Content	36 +/-1%	
	ROSSBIND 711	Synthetic Acrylic resin emulsion	Apearance	Milky White Emulsion	Adhesive for various tape manufacturing
			Solid Content	55 +/-1%	



SURFACTANTS / EMULSIFIERS

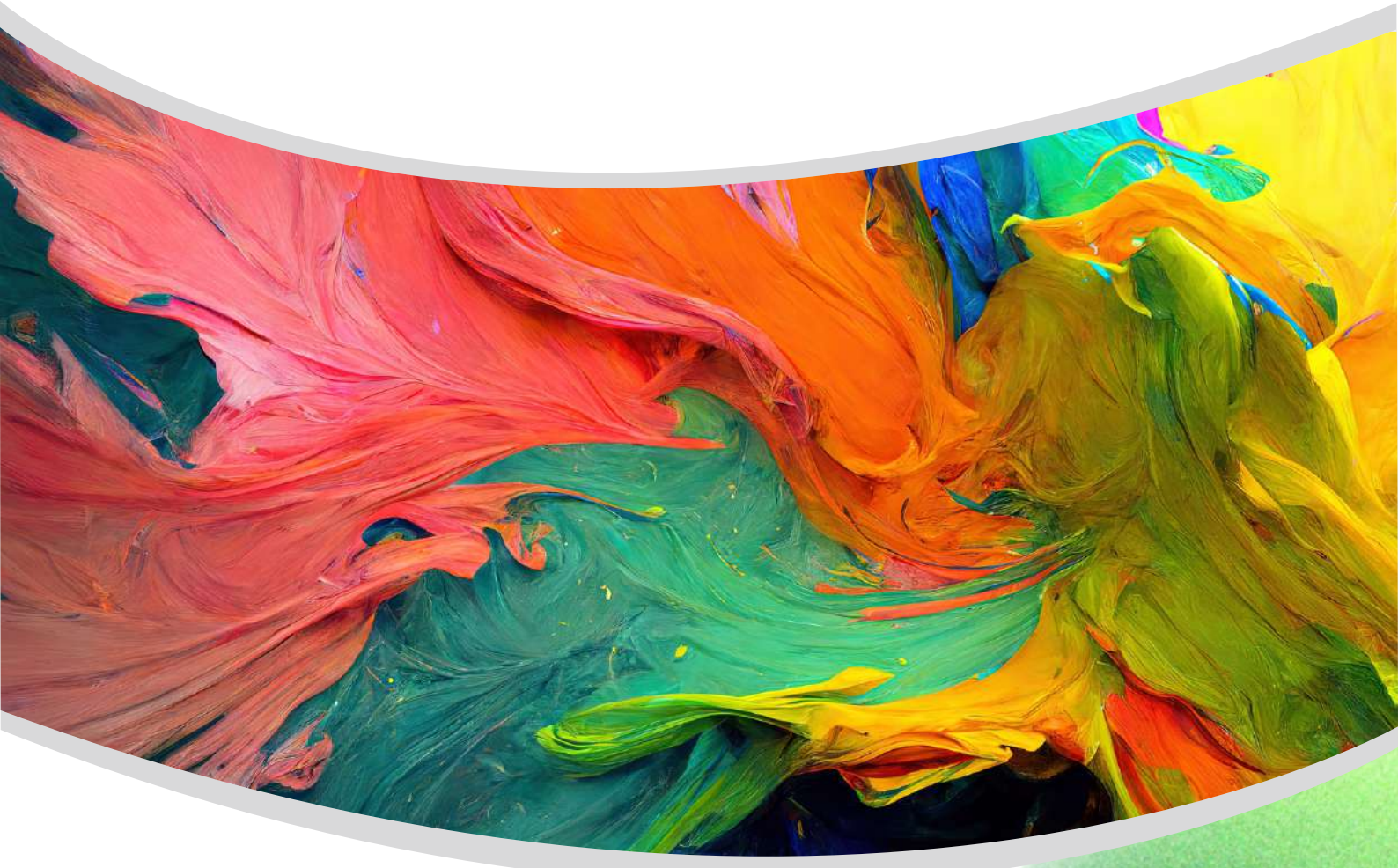
A surfactant or an Emulsifier possesses both hydrophilic and a hydrophobic part.This specific structure self-orientates the additive at the surface, reducing the surface tension of the liquid paint, the polar parts stay in the aqueous phase when the non-polar parts orientate at the interface.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
SURFACTANTS / EMULSIFIERS	UNITOP L-61/62/64	EO PO Co Block polymer	Appearance	Colorless to Pale Yellow Liquid	Low foam emulsifier for emulsion polymerization
			pH 5%	5.0-7.5	
			HLB	1.0-7.0	
	UNITOP PA 40	Alkyl Aryl Polyether	Appearance	Pale yellow liquid	Low foam emulsifier for emulsion polymerization
			pH 5%	5.5-7.5	
			HLB	4.8	
	UNITOP 100 / TRINON NP 95	Alkyl Aryl Polyether	Appearance	White creamish to Solid Mass	For emulsion polymerization of acrylic vinyl butadin styrene, etc
			pH 5%	5.5-7.5	
			HLB	13.4	
	UNITOP X 100/X 250/ X 300/X 400/X 405	Alkyl Aryl Polyether	Appearance	Colorless to Pale Yellow Liquid	For emulsion polymerization of Acrylic Vinyl Butadine Styrene etc
			pH 5%	5.5-7.5	
			HLB	13	
	TRISP 320	Styrenated Phenol Ethoxylate (Pigment Grinding Aid)	Appearance	Colorless to Pale Yellow Liquid	For emulsion polymerization of pigment emulsion Alkyl phenol polyether
			pH 5%	5.5-7.5	
			HLB	13.8	
	UNITOP FFT 40	Castor oil ethoxylate	Appearance	Pale Yellow Liquid	For emulsion polymerization of pigment emulsion Castor oil ethoxylate
			pH 5%	5.5-7.5	
			HLB	13	
	UNITOP Hc200	Alkyl Aryl Polymer	Appearance	Colorless to pale yellow liquid	For emulsion polymerization of pigment emulsion Alkyl phenol polyether
			pH 5%	5.5-7.5	
			HLB	13.5	
	UNITOP PA 1080 (G)	Non-ionic surfactant & emulsifying dispersing & wetting agent	Appearance	Colourless to pale yellow clear viscous liquid	Good dispersing properties in pigment emulsion dye dispersions, printing inks, etc
			pH 5%	5.5-7.5	
			HLB	13.4	
	UNITOP 300 (F)	Alkyl Phenol Polyethanoxy Ether (Flakes Np 30)	Appearance	White flakes	In pigment emulsion dye dispersions, printing inks, etc
			Solid Content	99	
			HLB	17.1	
	UNITOP LCN - 118	Alkyl Polyethylene Glycol Ether	Appearance	Clear to hazy liquid	Useful for the pigmentation of latex for paints, pigment emulsion dye dispersions , also commonly used in O/W paints
			pH 1%	6.0 – 8.0	
	UNITOP SPAN 85	Polyoxyethylene Sorbitan Tri Oleate	Appearance	Amber colour clear liquid	Used in Multiple Applications
			HLB	Approx. 11	
	UNITOP-TD-040	Tridecyl Alcohol Ethoxylate (4 Mole)	Appearance	Pale yellow clear liquid	Shows excellent rapid wetting properties, relatively low foaming levels and good detergency and versatility as emulsifiers,dispersants and solubilizers
			Hydroxyl value	140 - 155	
			pH	5.5 – 8.5	
	UNITOP TDA 100	Ethoxylated Tridecyl Alcohols (10 Mole)	Appearance	Colourless clear to opaque liquid	Shows excellent rapid wetting properties, relatively low foaming levels and good detergency and versatility as emulsifiers, dispersants and solubilizers
			pH	6.0 – 8.0	
			HLB	Approx 14.0	
	UNITOP 0670 P	Ethoxylated modified vegetable oil	Appearance	Yellowish Brown Liquid	Emulsifier in Emulsion Polymerization
			pH 5%	7.5 - 9.5	
			HLB	~14.0	
	UNITOP 3069 AP	Alkyl Aryl Polyether	Appearance	Water White to Pale yellow Liquid	Paint Emulsifier and as a dispersant of pigments
			pH 1%	6.0 - 7.0	
			HLB	~17.1	
	UNITOP 1080 AP	Alkyl Aryl Polyether	Appearance	Water White Liquid	Wetting, Dispersing and Emulsifying agent
			pH 1%	6.8 - 7.5	
			HLB	~13.2	

NON SILICONE DEFOAMERS

Mineral oils (MO), Vegetable or Native oil (NO) are the most important carrier oils for defoamer formulation. These oils are mostly preferred & excellent base fluids to formulate effective defoamer and to achieve a quick and sustained defoaming effect. Various grades of waxes or silica is used in most oil based defoamer to enhance their performance. These products are mainly used for emulsion polymerization processes. These defoamers are cost effective and have efficient performance.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Non Silicone Defoamers	TRIOBAN PC NXZ	A blend of Mineral Oil with fatty acid esters.	Base	Non Silicone	TRIOBAN PC NXZ is a defoamer for all common emulsion systems. It posesses good compatibility in a wide range of systems. Retains high, and long lasting efficiency. It can be used in several application like Paints, Adhesives,Latex, Compound Applications etc
			Solid Content	100%	
	TRIOBAN 2SDXL	Water based stabilized emulsion of mineral oil with fatty acid esters	Base	Non Silicone	It is a versatile non silicone antifoam formulation for various general chemicals. It performs tremendously in controlling foam generation. It leaves no significantly adverse impact on B.O.D / C.O.D values
			Solid Content	20%	
	TRIOBAN PC NDW	Blend of Mineral Oil with fatty acid esters.	Base	Non Silicone	Used for coating systems such as in paper, paints, latex based coatings such as Acrylic, Butadene, Styrene and PVA emulsions
			Solid Content	99%	
	TRIOBAN PC 7011	Dispersion of Wax in Mineral Oil With next generation emulsifiers.	Base	Non Silicone	Trioban PC 7011 is based on Novel chemistry.is specially recommended for systems with good emulsifying properties, such as surfactant stabilized emulsions and emulsion paints
			Solid Content	99 %	
	TRIOBAN ADCO 55	Mixture of renewable oil , hydrophobes and mineral oil	Base	Non Silicone	It can eliminate foam or entrapped air and removes unwanted bubbles which create pinholes. It is very effective even at low concentrations and smoothens the application uses. Can be used in Acrylic emulsion , acrylic water reducible , can be suitable for alkyd emulsion and alkyd melamine , also for water based printing inks. High in Industrial waste treatment
			Solid Content	50%	
	TRIOBAN NOVA	Hydrocarbon oil-based antifoaming agent.	Base	Non Silicone	Optimal foam control for architectural paints, emulsions plasters, pigment/filler slurries, and industrial wood coatings
			Solid Content	97-100%	



SILICONE DEFOAMERS

Silicone based defoamers are highly efficient foam eliminators offered for emulsion paints and coatings. These are also based on organically modified polydimethylsiloxane.
Polydimethylsiloxane works as a very efficient defoamer due to its structural properties and physical properties like:

- **Low Surface Tension**
- **Spreading Capability**
- **Thermal Stability**
- **Chemical Inertness**
- **Water Insolubility**

Organo-modified Polydimethylsiloxane (polyethers or other organic groups) exerts more compatibility and high performance. These organo-modified polydimethylsiloxanes are formulated into highly efficient defoamers with excellent compatibility.
Silicone based defoamer comes as 100% liquid products or as aqueous emulsions.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Silicone Defoamers	TRIOBAN PC 722	Organo modified siloxane, hydrophobe, polyether silicone , surfactant	Base	Silicone	TRIOBAN PC 722 a economical Defoamer catering to multiple applications in paint , inks and coatings industries
			Solid Content	10%	
	TRIOBAN SD 30	A Proprietary blend of Polydimethyl Siloxane & Silica, Polyther Silicones, Surfactants	Base	Silicone	It is used in multiple applications for various Industries such as Paints/Inks/ Coatings
			Solid Content	30%	
	TRIOBAN SD 100	A Proprietary blend of Polydimethyl Siloxane compound	Base	Silicone	It is widely used as a versatile defoamer in both industrial application and in chemical manufacturing such as Paints/inks/coatings. It is also suitable for solvent borne paints Formulations
			Solid Content	100%	
	TRIOBAN PC 8030	A proprietary emulsion of activated polydimethyl siloxane with polyether surfactants	Base	Silicone	It can be catered to multiple application for a wide spectrum of industries such as inks, paints & coating industry
			Solid Content	14-17%	
	TRIOBAN DF 21	A Proprietary blend of Polydimethyl Siloxane & Silica & Non – Ionic Surfactants.	Base	Silicone	Can be used in multiple applications across wide spectrum of Industries such as industrial- cleaning , waste water treatment, etc
			Solid Content	28-32 %	

POWDER DEFOAMER

ROSSARI BIOTECH LIMITED offers silicone and non-silicone powder defoamers. The actives are formulated with inert carriers and designed to be added to powder products like cement, plaster and detergents. They prevent excessive shrinkage, minimize porosity and speed up the wetting of dry mix products.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Powder Silicone Defoamers	TRIOBAN PWD SD 15	Silicone Powder Defoamer	Base	Silicone	Its powder defoamer which shows tremendous good control in foaming. It can be used in Construction and oil gas exploration, agrochemicals powders, cement paints, powder paints, mortars, adhesives, gypsum etc
			Solid Content	100%	
	TRIOBAN PWD ST	Silicone Powder Defoamer	Base	Silicone	It is a powder defoamer which can be used in construction and oil gas exploration, agrochemicals powders, cement paints, powder paints, mortars, adhesives, gypsum etc
			Solid Content	100%	
Powder Non-Silicone Defoamers	TRIOBAN PWD 26	Non Silicone Defoamer in Powder Form	Base	Non Silicone	TRIOBAN PWD 26 is a defoamer in free flowing powder form very well suited for dry powder formulation defoaming. It can be used in construction and oil gas exploration, agrochemicals powders, cement paints, powder paints, mortars, adhesives, gypsum etc
			Solid Content	100%	

IN-CAN PRESERVATIVES

Composition of the product, pH value, compatibility, legal approvals and climatic conditions are to be considered while choosing a suitable biocide. Because of growth in? Various microorganisms, different packing-storing conditions & various raw materials, the preservation is not possible with only single biocide compound. With the comprehensive TRIOCIDE product line, ROSSARI BIOTECH LIMITED has developed sophisticated multi-component preservative systems which will sufficiently protect your products. The optimum combination of selected active substances offer sustainable preservation for all kinds of water based formulations using coatings, building materials & other technical products.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
In-Can Preservatives	TRIOCIDE IM 15	A Formulation of 5-Chloro, 2-Methyl, 4-Isothiazolin, 3-One (CIT) and 2-Methyl, 4-Isothiazolin, 3-One (MIT)	Appearance	Colourless to Pale Yellow Clear Liquid	TRIOCIDE IM 15 is suitable for the wet -stable preservation of a Wide range of aqueous products including paints, polymer emulsions, adhesives, ceramic glazes, fillers and sealants and as a tank side additive for ready-diluted metal working fluids
			Solid Content	1.50%	
	TRIOCIDE IMF	Formulation of 5-Chloro, 2-Methyl, 4-Isothiazolin, 3-One (CIT), and 2-Methyl, 4-Isothiazolin, 3-One (MIT) and Formaldehyde	Appearance	Colourless to Pale Yellow Clear Liquid	TRIOCIDE IMF is very effective against broad range bacteria, fungi and yeast .TRIOCIDE IMF has non- specific mode of action, which means that the microorganism are unlikely to develop resistance against this preservative. Paint & Coating, Polymer Dispersion Printing Inks, Adhesives & Sealants, Color Pigment paste /Dispersion
			Solid Content	1.5%	
	TRIOCIDE IB 20	A Glycol Based Formulation ofl, 1,2 Benzisothiazolin, 3-One (BIT)	Appearance	Colourless to Pale Yellow Clear Liquid	TRIOCIDE IB 20 .specifically developed for the complete microbiological protection of water based products against bacterial and fungal spoilage in the wet state. It is used in Paints & Coatings, Polymer& Dispersion Agro Chemicals , Color & Pigments
			Solid Content	20 %	
	TRIOCIDE IBR	A formulation of 5-chloro-2-methyl-4-isothiazolin-3 -one (CIT), 2-methyl-4-isothiazolin-3-one (MIT) and bromonitropropane diol (Bronopol)	Appearance	Colourless to Pale Yellow Clear Liquid	TRIOCIDE IBR specifically developed for the complete microbiological protection for Paints & Coatings Polymer Dispersion , Printing Inks Adhesives & Sealants Color & Pigments Pastes / Dispersions
			Solid Content	1.0 to 1.1 %	
	TRIOCIDE IBM	A water based formulation of 2-methyl-4-isothiazolin-3-one (MIT) and 1,2-benzisothiazolin -3-one (BIT)	Appearance	Colourless to Pale Yellow Clear Liquid	TRIOCIDE IBM specifically developed for the complete micro-biological protection forPaints & Coatings, Polymer Dispersion , Printing Inks, Adhesives & Sealants ,Colour & Pigments Pastes / Dispersions
			Solid Content	BIT: 2.35% to 2.65% MIT:2.35% to 2.65%	

DRY FILM PRESERVATIVE

The protection of surfaces against the growth of microorganisms is an important challenge. Temperature, humidity and sunlight accelerate the growth of fungi & algae leading to visible material destruction resulting in a loss of quality. The use of modern dry film preservatives under ecological & economic aspects support the sustained prevention of microbiological damage on coated surfaces. TRIOCIDE products are multi-component offering a wide range of reliable and highly efficient dry film preservation from algae & fungi to maintain surface quality & to achieve cost.

Benefits of TRIOCIDE Dry Film Preservatives:

- **Suitable for Long Term Protection**
- **Liquid, Stabilised Formulations**
- **Broad Spectrum**

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Dry film Preservatives	TRIOCIDE DCT	A Combination of Benzimidazole Carbamate, 2-n- Octyl, 4-Isothiazolin, 3-One (OIT) and Diuron.	Appearance	White to Beige Free Flowing Dispersion	DCT possesses a broad spectrum of antifungal and antialgal efficacy, including activity against the following relevant organism growth. TRIOCIDE-DCT has broad spectrum of efficacy against algae, yeasts and fungi and is highly stable dispersion. Can be useful in exterior paints textured coatings/plasters
			Solid Content	50%	

THICKENERS

Thickeners also commonly known as rheology modifiers or rheology control additives - control the rheological properties of the coating material to prevent sagging during paint application, adjust application thickness, facilitate painting, improve leveling, and prevent sedimentation of the filler, among all the other functions.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Thickeners	SENSOCRYL AS 60	Crosslinked Emulsion Copolymer	Appearance	White Liquid	A cross-linked Acrylic emulsion copolymer for rheology modification and thickening water based paints and coatings
			Solid Content	28 +/-1%	
	SENSOCRYL AS 20 HP	Crosslinked Emulsion Copolymer	Appearance	Milky white	A high-performance, low-solids marvel boasting exceptional crosslinking and hydrophobic properties for water based Paints and Coatings.With its remarkably low dosage requirements and excellent rheological properties
			Solid Content	17.00 - 19.00 %	
	SENSOCRYL PTS LIQUID	Crosslinked Emulsion Copolymer	Appearance	White Liquid	A cross-linked Acrylic emulsion copolymer for rheology modification and thickening water based paints and coatings
			Solid Content	25 +/-1%	
	SENSOCRYL HT 30 LIQUID	Hase Thickener	Appearance	Milky White Emulsion	SENSOCRYL HT 30 Liquid can be incorporated both in grinding as well as letdown stage. The pH has to be more than 8 to get optimum thickening efficiency. Unlike ASE thickener, viscosity built up in the system is around 90% and within an hour, the total viscosity is achieved. It gives good sag and flow properties
			Solid Content	30 +/-1%	
	SENSOCRYL HT 30 HP	Hase Thickener	Appearance	Milky White	Low-solids excellence with unparalleled crosslinking and hydrophobic properties, elevating water-based paints and coatings to new heights.With its remarkably low dosage requirements and excellent rheological properties
			Solid Content	28.00 - 32.00 %	

DISPERSING AGENT

A dispersant or a dispersing agent is a substance, typically a surfactant, that is added to a suspension of solid or liquid particles in a liquid (such as a colloid or emulsion) to improve the separation of the particles and to prevent their settling or clumping.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Dispersing Agent	DISPA 8500 GM LIQUID	Dispersing Agent	Appearance	Pale Yellow Viscose Liquid	DISPA 8500 AM Liquid is a pigment dispersant for paint formulations
			Solid Content	30 +/-1%	
	DISPA 7030 AM LIQUID	Dispersing Agent	Appearance	Pale yellow liquid	Dispa 7030 AM Liquid is specially designed for production of all type of paints such as textured finishes, interior flat paints, exterior flat paints, interior-exterior coating, matt coating to high gloss coating and for modifying cementitious compositions
			Solid Content	30 +/-1%	
	TRIODISP 4600	It is Low Molecular weight co-polymer based on Carboxylate and Sulfonate	Appearance	Pale Yellow liquid	Used in Aqueous paints, Aqueous inks, Paper coating, Pigment slurries.
			Solid Content	46%	
	TRIODISP PWD 9500 (Powder Base)	Anionic surfactants are a series of sodium salts of alkyl naphthalene sulfonic acid formaldehyde condensate.	Appearance	Light brownish powder	TRIODISP PWD 9500 works as efficient wetting and levelling agent for dyes and pigments. It is also suitable for uniform dyeing of mixed fabrics
			Solid Content	96 +/-1%	

SOLVENTS / GLYCOLS

Solvents are used in the paint formulation, to get the desired consistency of the Paints and to avoid lumps or clods.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
SOLVENTS / GLYCOLS	TRIOCHEM DEG	Diethylene Glycol	Appearance	Clear Liquid	Used in applications which require hygroscopic, lubricants, and low volatility such as plasticizer, solvent in printing ink, textile lubricant, humectants and dehydrating agents
			pH 5%	7	
	TRIOCHEM MEG	Monoethylene Glycol	Appearance	Colorless, Odorless, and slightly viscous liquid	Water-based formulations (adhesives, latex paints, asphalt emulsions)
			Active	99%	
	UNITOP - PEG - 200 / 400/ 600	Poly(ethylene glycol)	Appearance	Colourless clear liquid.	To make the paint glossy and also improve the quality of it and make a smooth paint
			Solid Content		

COALESCING AGENT

Coalescing agents are used in dispersion paints for optimizing the film formation process of the polymeric binder particles. Coalescing agents typically reduce the minimal formation temperature and as a consequence, optimize film coherence and properties such as scrub resistance, mechanical properties as well as appearance

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Coalescing Agent	`TRIOCHEM XLA	Ester Alcohol	Appearance	Clear yellow to amber Liquid	Use in coil coatings and high-bake enamels also chemical specialty applications such as ore flotation / frothing, oil-drilling muds, wood preservative carriers, and floor polishes
			pH 5%	8.5 - 11.0	

PH STABILIZER

It provides pH control and stability. It can substitute ammonia and thus reduces odor during production and in the final paint

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
pH STABILIZER	TRIOCHEM SB 861	Potassium methylsiliconate	Appearance	Clear to Hazy Colorless	Solvent free pH controller / Stabilizer for use in water-based emulsion paints
			pH 5%	13-14	

SOFTENER

A "softener for paints" is a specialized additive or chemical agent used in the field of painting and coatings to modify and improve the characteristics of paint products. This product is designed to alter the texture, consistency, or overall performance of paint in various ways, making it more suitable for specific applications or conditions

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Softener	TRIOCHEM WS SHMP	Sodium Hexametha Phosphate	Appearance	White Powder or Crystal	Bonding agent, floatation agent, dispersant
			pH 5%	5.8 – 7.0	

ANTISETTLING AGENT

Anti-settling agents are to assist paint and pigment dispersion. Our range of anti-settling agent, with high surface activity, helps readily suspend inorganic solids such as Zinc Oxide, Clays, Iron Oxide, etc. in both oil and water based paint formulations.

Segment	Product Code	Chemical Type	Composition		Description
			Content	Nature	
Antisettling Agent	TRIOCHEM 711 N	Balanced Mix of Anionic and Non – Ionic Compounds	Appearance	Clear Amber colour liquid	TRIOCHEM 711 N is a very effective Anti settling Agent recommended for the formulation of water based paints and coatings
			Solid Content	35%	

WATER REPELLENTS

Water repellents are used on exterior walls to provide resistance to wind-driven rain. In addition, water repellents can also reduce the potential for efflorescence and staining from environmental pollutants, and enhance the color or texture of a wall.

Product Name	Chemical type	Composition		Description
TRIOCHEM WR 5031	Emulsion of a Polysiloxane modified with functional Silicone resin.	Appearance	Milky White Liquid	Typical application fields are whitewash emulsions, silicate emulsion paints and plasters, highly filled emulsion coatings and silicone resin emulsion paints and plasters
		Solid Content	50%	
TRIOCHEM WR 5536	Emulsion of a Polysiloxane modified with functional Silicone resin.	Appearance	Milky White Liquid	Suitable for silicone resin emulsion paints and silicone resin plasters silicate emulsion paints and plasters highly filled emulsion coatings whitewash emulsions interior paints stoppers
		Solid Content	55%	
TRIOCHEM WR 6030	Based on a mixture of Silane and Siloxane.	Appearance	Milky White Liquid	It can be used for the mass treatment of non-load bearing concrete products
		Solid Content	60%	

Date: / /

ROSSARI®

making you more competitive

Rossari Biotech Limited

(An ISO 9001:2015 & 14001:2015 Certified Company)

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