



# Polymer Emulsions

By

Rossari Biotech Ltd

ROSSARI BIOTECH LTD, with more than 25-years track record, is a leading speciality chemical manufacturer in India, offering tailored solutions, emphasizing cost-effectiveness and timely delivery.

Leveraging expertise in applied chemistry and a diverse product portfolio, we empower clients to create customized solutions.

In the realm of transformation, our curated range of Polymer Emulsions addresses diverse needs in paints, coatings, construction, adhesives, etc., manufacturing for seamless operations and exceptional finishes.

## Vision

To be the leading and most reliable solution provider globally in its sectors of choice with a focus on sustainability.

## Mission

- To be entrepreneurial
- To develop leaders across the organization
- To be customer-focused through technology, innovation and operational efficiency
- To emphasize sustainable solutions
- To operate to the highest environmental, health, safety and quality standards
- To be a socially responsible organization

# OUR VALUES

RESPECT

OWNERSHIP

SAFETY

SUSTAINABILITY

AGILITY

RELIABILITY

INNOVATION



# Facilities

## SILVASSA FACTORY-

We make most of our products at our Silvassa factory. It's equipped to handle powders, granules, and liquids, giving us flexibility to meet any customer needs. We test and package everything there too. Additionally it's certified with ISO 9001:2015 and ISO 14001:2015 standards, and has a treatment plant to prevent liquid waste.



## DAHEJ FACTORY

Standing tall in Dahej, Gujarat, since 2021, our cutting-edge facility showcases a dedication to innovation through its state-of-the-art technological arsenal. This powerhouse of progress empowers us to streamline processes and significantly scale up the production of Specialty Chemicals, unlocking new possibilities for the industry.



## RESEARCH & DEVELOPMENT

- Tech innovation drives our high-quality, customized products.
- DSIR-certified lab fosters continuous R&D, meeting evolving market needs.
- Tailored solutions, rapid delivery, & competitive pricing through in-house R&D & customer collaboration.

## ROSSARI CENTRE OF EXCELLENCE AT IIT BOMBAY

- Focused on core chemistry R&D.
- Fostering partnerships with universities.
- Collaborating with leaders in sustainability, materials, and performance chemicals.
- Research and leveraging PhD projects for long-term innovative solutions.

## ELEVATING THE NOTION OF BINDERS:

In the world of art and coatings, the Binder is a silent yet essential hero, merging with pigments to create paint and ensuring its longevity. It dictates paint's properties from adhesion to durability, shaping the artist's vision and protecting surfaces. Binders and resins are the luminaries of coatings, embodying craftsmanship and innovation.

## KEY FEATURES OF BINDERS:

- Present in Acrylate, Styrene-Acrylate, or Styrene-Butadiene forms, embodying versatility and adaptability.
- Structurally defined by their water-borne dispersion, exemplifying eco-consciousness and sustainable chemistry.
- Manifest as sub-micron-sized particles, showcasing precision engineering and cutting-edge technology.
- Distinguished for their remarkable ability to form films and impart glossy finishes, elevating the aesthetic appeal and functionality of various applications.

# STYRENE ACRYLIC EMULSION

Product Code	Chemical Type	Composition		MFFT	VISCOSITY CPS AT RV 6/100/27°C	pH	KEY FEATURES	APPLICATIONS
		Content	Nature					
NEOBIND 7050 SC	Styrene Acrylic Copolymer Emulsion	Appearance	Milky liquid	19°C	300-700 cps	7-9.5	Excellent Mineral Pigment loading properties	Especially developed for all types of acrylic paints.
		Solid Content	50 ± 1%					
NEOBIND 7050 HV	Styrene Acrylic Copolymer emulsion with High Viscosity	Appearance	Viscous Milky Liquid	19°C	1500-2500 cps	8 - 10	High Gloss & good pigment loading Properties	Versatile across all acrylic paint mediums, delivering exceptional results.
		Solid Content	50 ± 1%					
NEOBIND 7595	Styrene Acrylic Emulsion	Appearance	Bluish - Translucent	17°C	2000 - 5000 cps	8 - 9	Excellent water repellancy, adhesion wet scrub, best gloss & coverage	Specially for Exterior Paint, Interior Paint, Texture Paint, High PVC Interior Paint, Acrylic Emulsion Paint, Acrylic Distemper, Acrylic Putty, Primer, and Road Marking Paint with good durability, high-quality paints and coatings with exceptional water resistance, superior adhesion, and excellent wet scrub performance.
		Solid Content	49.00 - 51.00 %					
NEOBIND 7145 SA Liq	Styrene Acrylic Copolymer Emulsion	Appearance	Viscous White Liquid	17°C	100-400 cps	7-9	Excellent Wet Scrub	Engineered for the seamless creation of a myriad of paint varieties, from textured finishes to high gloss coatings, boasting unrivaled durability, water resistance, and steadfast hydrolysis masonry protection.
		Solid Content	99 %					

# PURE ACRYLIC EMULSION

Product Code	Chemical Type	Composition		MFFT	VISCOSITY CPS AT RV 6/100/27°C	pH	KEY FEATURES	APPLICATIONS
		Content	Nature					
NEOBIND 7051 PA Liq	100% Acrylic binder in Emulsion Polymer	Appearance	Milky white emulsion	14°C	max 200 cps	9 - 10	Excellent UV resistance, gloss & colour retention	This top-tier 100% acrylic binder, an emulsion polymer, is designed to enhance premium exterior wall paints, road marking paints, and floor paints. It offers exceptional adhesion and resistance for these tough applications, with a specialized formula for high gloss and abrasion resistance. It's stabilized with surfactants for lasting quality and performance.
		Solid Content	50 ± 1%					
NEOBIND PA 7539	100% Pure Acrylic Resin Emulsion	Appearance	Milky white emulsion	18°C	max 1000 cps	8 - 10	Excellent sheen, high dirt pick up, rheology, weatherability superior sheen & gloss & excellent stain resistance	Specially for Exterior Paint, Interior Paint, Texture Paint,
		Solid Content	55 ± 1%					
NEOBIND PA 7055 HP	100% Pure Acrylic Resin Emulsion	Appearance	Bluish -White	-3°C	max 1000 cps	8 - 9	Elastomeric flexible-low dirt pick up size & excellent water repellancy.	Providing top-quality paints and coatings known for water resistance, strong adhesion, and excellent scrub resistance. Our range includes Exterior, Interior, and Texture Paints.
		Solid Content	54 - 56 %					
Neobind 7055 AC- S Liq	Pure Acrylic Emulsion	Appearance	Milky white emulsion	16°C	50 - 200 cps	7.5 - 8	Excellent UV resistance, gloss & colour retention	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%					

# MODIFIED ACRYLIC EMULSION

Product Code	Chemical Type	Composition		MFFT	VISCOSITY CPS AT RV 6/100/27°C	pH	KEY FEATURES	APPLICATIONS
		Content	Nature					
NEOBIND 7055 AC	Modified Acrylic Emulsion Polymer	Appearance	Milky white emulsion	17°C	50 - 200 cps	7.5 - 8	Excellent Long-Term Durability, Superb Water Resistance & Exceptional Resistance to Hydrolysis on Masonry	Is specially designed for production of a wide range of paints, including textured finishes, interior and exterior flat paints, interior-exterior coatings, as well as matt and high gloss coatings
		Solid Content	50%					
NEOBIND SPARK 7526 N	Modified Styrene Acrylic Emulsion	Appearance	Bluish - Translucent	18°C	5500-10000 cps	8 - 9	Exceptional Water Resistance, Superior Adhesion & Outstanding wet scrub performance	Specially Exterior Paint, Interior Paint, Texture Paint, High PVC Interior Paint, Acrylic Emulsion Paint, Acrylic Distemper, Acrylic Putty, Primer, and Road Marking Paint. Experience enduring beauty and unmatched protection for your surfaces
		Solid Content	49.00 - 51.00 %					
NEOBIND 7040 HP	Modified Nano Styrene Acrylic Emulsion	Appearance	Bluish - Translucent	18°C	5500-10000 cps	8 - 9	Economical grades, fine particle size, excellent water repellancy, adhesion wet scrub, best gloss & coverage, good filler load	Especially for Exterior Paint, Interior Paint, Texture Paint, High PVC Interior Paint, Acrylic Emulsion Paint, and Acrylic Distemper
		Solid Content	40.00 - 42.00 %					

# Polymers Emulsions For :

## CONSTRUCTION

Product Code	Chemical Type	Composition		MFFT	VISCOSITY CPS AT RV 6/100/27°C	pH	KEY FEATURES	APPLICATIONS
		Content	Nature					
NEOBIND 7155 MC LIQ	Modified Acrylic Emulsion Polymer	Appearance	White viscous liquid	-4°C	500 - 900 cps	7.5 - 9.0	Excellent flexibility & film elongation in cementitious compositions	Especially for flexible cementitious compositions , Crack Filling, Anchors & Grouts, Waterproofing, Damp Proofing, Flexible Membrane, Laying Tiles and Roof Coating
		Solid Content	57 ± 1%					
NEOBIND 7047 AP LIQ	Modified Acrylic Emulsion Polymer	Appearance	White liquid	17°C	15 - 20 sec	7.5 - 9.5	Excellent cement compatibility & high strength coverage with fast curing	Specially for modifying cementitious composition & Cement mortars. And gives excellent adhesion to a variety of surface such as concrete, masonry, brick, wood, metal, also suitable for Flexible Membrane, Laying Tiles and Roof Coating
		Solid Content	47± 1%					

## INKS

Product Code	Chemical Type	Composition		MFFT	VISCOSITY CPS AT RV 6/100/27°C	pH	KEY FEATURES	APPLICATIONS
		Content	Nature					
NEOBIND IB 36 LIQ	An Aqueous Acrylic Co-polymer Emulsion.	Appearance	Light bluish emulsion	-	150-500 cps	7.5 - 8.5	Solubility,Crosslinking Capability & Water Resistance	Specializing in aqueous flexographic inks and coatings, offering clear and pigmented options, including dip coatings for various finished materials like brass, copper, and steel
		Solid Content	36 ± 1%					

## ADHESIVES

Product Code	Chemical Type	Composition		MFFT	VISCOSITY CPS AT RV 6/100/27°C	pH	KEY FEATURES	APPLICATIONS
		Content	Nature					
ROSSBIND 711	Synthetic Acrylic Resin Emulsion	Appearance	Milky white emulsion	-	18 - 24 sec	8 - 10	High tack & good peel off value with best coverage	Especially BOPP tape manufacturing
		Solid Content	55± 1%					





**Rossari Biotech Limited**  
(An ISO 9001:2015 & 14001:2015 Certified Company)

**Call:** +91-22-6123 3800

**Web:** [www.rossari.com](http://www.rossari.com)

**Mail:** [info@rossari.com](mailto:info@rossari.com)