

**MANUFACTURER & EXPORTER OF
WATER-BASED SPECIALTY COATING EMULSIONS
& PRESSURE SENSITIVE ADHESIVES**

Paints & Coatings Emulsions | Construction Chemicals | Textile Emulsions & Binders
Adhesives & Packagings | PVA Homopolymer Emulsions | Specialty Emulsions



TULSI BIOSCIENCES PVT. LTD.



PIONEERING INNOVATION IN SPECIALTY COATING EMULSIONS AND ADHESIVES

Tulsi Biosciences is a premier **manufacturer and exporter** of **water-based specialty coating emulsions and pressure-sensitive adhesives**, serving a diverse range of industries. Our headquarters and manufacturing facility are located in the industrial hub of Vapi, Gujarat, where precision, efficiency, and innovation come together to create exceptional products.

OUR EXPERTISE

At Tulsi Biosciences, we pride ourselves on our ability to produce high-quality specialty coating emulsions and adhesives that meet the exacting standards of our clients.

STATE-OF-THE-ART FACILITIES

Our manufacturing unit and technology center are equipped with the latest technology, enabling us to maintain the highest standards of quality and efficiency. This infrastructure supports our commitment to excellence and innovation in every product we create.

CUSTOMER-CENTRIC APPROACH

We believe in forging strong, long-term relationships with our customers. By collaborating closely with them, we gain a deep understanding of their specific needs and challenges. This partnership approach allows us to develop tailor-made products that precisely meet their requirements, ensuring optimal performance and satisfaction.

YOUR PARTNER IN ECO-FRIENDLY SUSTAINABLE GROWTH!

MANUFACTURING EXCELLENCE



INNOVATION AT CORE

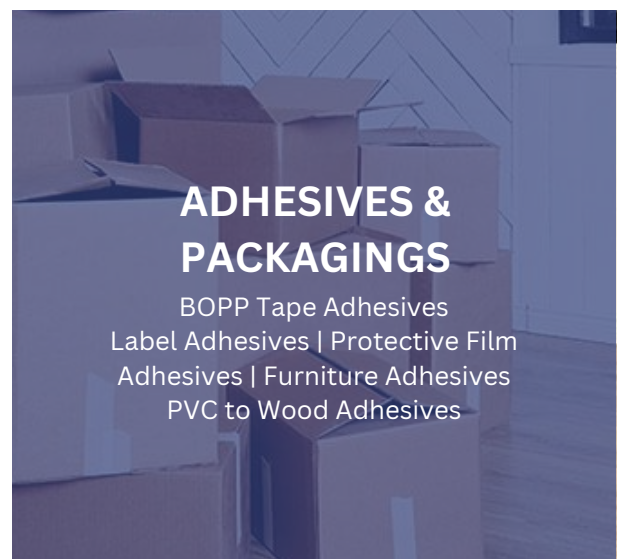


SUSTAINABLE SOLUTIONS



MARKETS & PRODUCTS

Paints & Coatings Emulsions | Construction Chemicals | Textile Emulsions & Binders
Adhesives & Packagings | PVA Homopolymer Emulsions | Specialty Emulsions



Paints & Coatings

STYRENE ACRYLIC EMULSIONS

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATIONS
TULSICRYL SA-90	50 ± 1	30 - 80	18 ± 1	8 - 10	Premium interior and exterior paints and textured finishes. Excellent pigment loading characteristics.
TULSICRYL SA-99	50 ± 1	50 - 130	18 ± 1	8 - 10	High Solid Emulsion for Premium interior and exterior paints and textured finishes.
TULSICRYL SA-95(O)	50 ± 1	40 - 80	18 ± 1	8 - 10	High-performance emulsion with excellent scrub, water resistance and adhesion for interior and exterior paints.
TULSICRYL SA-95	50 ± 1	20 - 80	18 ± 1	8 - 10	Emulsion with excellent scrub, water resistance and adhesion for interior and exterior paints
TULSICRYL SA-45	45 ± 1	5 - 25	18 ± 1	8 - 10	General purpose binder with low solid and high wet scrub for washable distemper, interior paints & cement primers. Can be used for economical exterior paints
TULSICRYL SA-45(HV)	45 ± 1	20 - 60	18 ± 1	8 - 10	High viscosity and low solid for textured and interior emulsion paints
TULSICRYL NANO	40 ± 1	Max 5	17 ± 1	8 - 10	High-performance emulsion with fine particle size and good adhesion for paints for efflorescences.
TULSICRYL SA-40	40 ± 1	80 - 120	17 ± 1	8 - 10	Low Solid Emulsion for Mid to high PVC interior and exterior paints, acrylic putty and acrylic distemper
TULSICRYL SA-48	48 ± 1	20 - 60	24 ± 1	8 - 10	High Gloss, Hard, Tough film with Good Wet Scrub & Abrasion resistance

Paints & Coatings

PURE ACRYLIC EMULSIONS

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATION
TULSICRYL PA-50	50 ± 1	Max 5	17 ± 1	7 - 10	Premium quality emulsion with UV resistance and color retention for interior and exterior paints
TULSICRYL PA-55	55 ± 1	3 - 20	18 ± 1	8 - 10	High-performance premium quality emulsion with UV resistance and color retention for interior and exterior paints



ELASTOMERIC EMULSIONS

TULSICRYL EE-50

SOLID CONTENT (%) : 50 ± 1

VISCOSITY (Ps) : 2 - 20

MFFT (°C) : 5 ± 1

pH : 8 - 10

FEATURES/APPLICATIONS : High-performance emulsion for interior and exterior paints, roof coatings, waterproofing, exterior wall coatings with low odor and low VOC



Paints & Coatings

VAM VEOVA EMULSIONS

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATION
TULSICRYL VVB-55	55 ± 1	20 - 50	16 ± 1	2 - 4	High solid terpolymer emulsion for premium interior paints, mid to high interior and exterior paints and primer

Paints & Coatings

VAM ACRYLATE EMULSIONS

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATION
TULSICRYL VA-50	50 ± 1	10 - 40	11 ± 1	4 - 6	Emulsion For mid to high PVC interior and exterior paints, primer, acrylic putty and distemper
TULSICRYL VA-55	55 ± 1	10 - 40	11 ± 1	4 - 6	Emulsion For mid to high PVC interior and exterior paints, primer, acrylic putty



EMULSIONS FOR CONSTRUCTION APPLICATIONS

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATION
TULSICRYL C-76	47 ± 1	Max 05	18 ± 1	8 - 10	Emulsion for excellent waterproofing and bond strength in cementitious surface
TULSICRYL C-400	55 ± 1	Max 10	10 ± 1	8 - 10	Premium quality emulsion for cementitious flexible waterproofing, roof coatings and bonding agent
TULSICRYL C-400 HV	55 ± 1	10 - 25	10 ± 1	8 - 10	Premium quality emulsion for cementitious flexible waterproofing, roof coatings and bonding agent with higher viscosity
TULSICRYL C-49	48 ± 1	90 - 120 sec by B4 Cup	18 ± 1	8 - 10	Excellent emulsion for cementitious flexible waterproofing, roof coatings and bonding agent

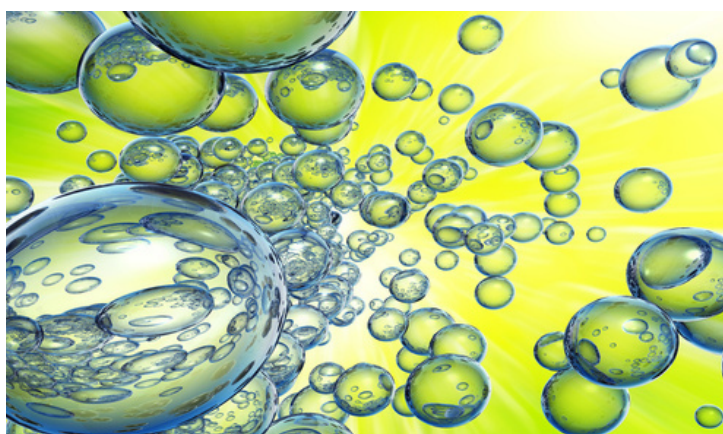


DISPERSING AGENTS

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATION
TULSICRYL DSP	28 ± 1	1 - 5	-	8 - 10	Excellent low foaming dispersing agents for paints, clay slurries and pigments
TULSICRYL CN-40	40 ± 1	10 - 40	-	6 - 8	High solid and high efficiency dispersing agent with sodium salt
TULSICRYL CA-40	40 ± 1	10 - 40	-	7 - 9	High solid and high efficiency dispersing agent with ammonium salt

THICKENERS AND RHEOLOGY MODIFIERS

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATION
TULSICRYL T-29	29 ± 1	Max 2	-	2 - 4	Acrylic thickener for paints and textured finishes
TULSICRYL T-72	29 ± 1	Max 3	-	2 - 5	Rheology modifiers for water base coatings with excellent floor, leveling and spatter resistance. Has excellent balance, sag resistance and leveling properties. (HASE THICKENER)



Paints & Coatings | Textile | Wood Coatings

PVA EMULSIONS (HOMOPOLYMER)

PRODUCT	SOLID CONTENT (%)	VISCOSITY (Ps)	MFFT (°C)	pH	FEATURES/APPLICATION
TULSITEX 40	40 ± 1	150 - 450	14 ± 1	4 - 6	Low Solid, High Viscosity PVA Homopolymer emulsions for textile, wood and paints and coatings
TULSITEX 45	45 ± 1	200 - 600	14 ± 1	4 - 6	Medium Solid, High Viscosity PVA Homopolymer emulsions for textile, wood and paints and coatings
TULSITEX 50L	50 ± 1	300 - 800	14 ± 1	4 - 6	High Solid, Medium Viscosity PVA Homopolymer emulsions for textile, wood and paints and coatings
TULSITEX 50H	50 ± 1	800 - 1200	14 ± 1	4 - 6	High Solid, High Viscosity PVA Homopolymer emulsions for textile, wood and paints and coatings
TULSITEX 50P	50 ± 1	300 - 900	14 ± 1	4 - 6	High Solid, High Viscosity PVA Homopolymer with plasticizers for textile, wood and paints and coatings



PRESSURE SENSITIVE ADHESIVES

TULSICRYL BOPP-55

SOLID CONTENT (%) : 55 ± 1

VISCOSITY (Ps) : 18 – 24 sec, B/4 Cup

MFFT (°C) : -

pH : 8 - 10

FEATURES/APPLICATIONS : TULSICRYL BOPP-55 is used to produce BOPP Self-Adhesive Tapes/Jumbo Rolls, Holograms, Inner lining of suitcases and soft leather bags, & other related pressure-sensitive applications.



TULSICRYL PF

SOLID CONTENT (%) : 53 + 1

VISCOSITY (Ps) : 25 – 28 secs B/4 Cup

MFFT (°C) : -

pH : 8 - 10

FEATURES/APPLICATIONS : TULSICRYL PF is recommended for protective polyethylene film and exhibits low peel buildup on different substrates such as Glass, Stainless Steel, Aluminum Sections, Sunmica Etc.



TULSICRYL ACR

SOLID CONTENT (%) : 55 ± 1

VISCOSITY (Ps) : 40 to 60 Ps

MFFT (°C) : -

pH : 4 to 6

FEATURES/APPLICATIONS : Ready to use PSA Adhesive, can be coated on any standard roller coating machine. Ideal for level/stock rolls/ACR sticker manufacturing, paper labels, etc.





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