

Styrene Acrylic Co-Polymer Emulsion

# TULSICRYL SA-95(O)

**TULSICRYL SA-95(O)** is a versatile, fine particle-size acrylic copolymer emulsion designed for manufacturing high-quality interior and exterior emulsion paints and textured coatings. It is a water-based dispersion/emulsion of acrylic and styrene copolymer, stabilized by surfactants and free of colloids. The resulting film is hard, tough, flexible, and glossy, and provides excellent wet scrub and abrasion resistance, as well as superior pigment loading characteristics, alkali resistance, and water resistance.

## PRODUCT SPECIFICATIONS

Chemical Composition	STYRENE ACRYLIC CO-POLYMER EMULSION
Appearance	Bluish translucent pourable liquid
Solid content, weight %	50 ± 1%
Brookfield viscosity	RVT 40 - 80 Poise, SP#4, 20 RPM @ 30°C
pH	8.0 - 10.0 at 30°C
MFFT (°C)	18 ± 1°C

## FILM CHARACTERISTICS

TULSICRYL SA-95(O) forms a hard, tough, clear, flexible, and glossy film, offering excellent wet scrub and abrasion resistance. It exhibits outstanding pigment loading characteristics, alkali resistance, and excellent water resistance.

## PRODUCT FEATURES

TULSICRYL SA-95(O) provides a tough and non-blocking film with excellent efflorescence resistance, water resistance, UV resistance, and superior wet scrub resistance.

## APPLICATIONS

TULSICRYL SA-95(O) is used as a binder for premium quality interior/exterior emulsion paints and texture paints. It can be utilized to produce superior quality exterior and interior paints with high sheen and high gloss, as well as semi-gloss to matte finish emulsion paints for masonry, concrete, wood, and other architectural structures. Due to its hard and tough breathable polymer nature with excellent exterior durability, it is well-suited for exterior texture paints. It has a very good binding capacity to hold texture aggregates and a special surfactant system that forms a tight film, effectively resisting substrate efflorescence. Texture films based on TULSICRYL SA-95(O) do not hold on to dirt, keeping the film clean. Its high water resistance, combined with excellent UV resistance, provides good exterior weatherability properties.

## HANDLING & STORAGE

TULSICRYL SA-95(O) has a shelf life of 12 months from the date of manufacture, provided it is stored under shade, away from direct heat and sunlight and well protected from freezing.

## PACKING

Flexi tanks, 240/250 kg HDPE Drums.

**NOTE:** The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other company's raw materials are also being used. The recommendations do not absolve the user from the obligation of investigation of the possibility of infringement of third parties rights and, if necessary, clarifying the positions.

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