

## Styrene Acrylic Co-Polymer Emulsion

**TULSICRYL SA-99**

**TULSICRYL SA-99** is a high-viscosity water-based dispersion/emulsion of Acrylic & Styrene Co-polymer. It is specially formulated to enhance adhesion, water resistance, and scrub resistance. This surfactant-stabilized, colloid-free emulsion forms a hard, tough, clear, flexible, and glossy film, with excellent wet scrub and abrasion resistance. It also features excellent pigment loading characteristics and alkali resistance.

**PRODUCT SPECIFICATIONS**

<b>Chemical Name</b>	<b>STYRENE ACRYLIC CO-POLYMER EMULSION</b>
<b>Appearance</b>	Bluish translucent pourable liquid
<b>Solid content, weight %</b>	50 ± 1%
<b>Brookfield viscosity</b>	RVT 50 - 130 Poise, SP#5, 20 RPM @ 30°C
<b>pH</b>	8.0 - 10.0 at 30°C
<b>MFFT (°C)</b>	18 ± 1°C

**FILM CHARACTERISTICS**

TULSICRYL SA-99 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.

**PAINT PROPERTIES**

TULSICRYL SA-99 offers excellent freeze-thaw stability, color retention, chalk resistance, durability, pH stability, high gloss, water, and UV resistance, easy application, and superior binding capacity.

**APPLICATIONS**

Perfect for premium interior and exterior paints and textured finishes. Its superior quality binder ensures both interior and exterior paint coatings have excellent adhesion and stain resistance, providing lasting protection and aesthetic appeal. Whether it's high sheen, high gloss, semi-gloss, or matte finish emulsion paint, this emulsion guarantees consistent performance. Additionally, it enhances texture wall finishes and surface wall compounds, ensuring durability and smooth surfaces for painting. When combined with high PVC and primer, it creates a robust foundation for paint application. Moreover, its superior pigment loading ensures vibrant and long-lasting color outcomes, making it an ideal choice for professional-grade projects.

**HANDLING & STORAGE**

TULSICRYL SA-99 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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