

Styrene Acrylic Co-Polymer Emulsion

TULSICRYL SA-45

TULSICRYL SA-45 is a versatile styrene acrylic copolymer binder with excellent pigment loading, wet scrub resistance, and UV resistance, ideal for various paint applications.

PRODUCT SPECIFICATIONS

Chemical Name	STYRENE ACRYLIC COPOLYMER EMULSION
Appearance	Bluish translucent pourable liquid
Solid content, weight %	45 ± 1%
pH	8.0 - 10.0 at 30°C
Brookfield viscosity	RVT 5 - 25 Poise, SP#3, 20 RPM @ 30°C
MFFT (°C)	18 ± 1°C
Film	Clear & transparent

FILM PROPERTIES

Hard, Tough, Flexible Et Glossy Film. Excellent Wet Scrub Et Abrasion. Excellent pigment Loading characteristics, Alkali resistance

PAINT PROPERTIES

TULSICRYL SA-45 based paints offer excellent freeze-thaw stability, quick drying, high gloss, UV resistance, and superior wet scrub durability.

APPLICATIONS

This versatile binder is ideal for washable distemper, interior paints, cement primers, and economical exterior paints. It offers excellent pigment loading, and high-performance emulsion properties, and can achieve semi-gloss to matt finishes. With low solid content and high wet scrub resistance, it's effective for various applications, including cost-effective exterior paints.

HANDLING & STORAGE

TULSICRYL SA-45 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.