

Styrene Acrylic Co-Polymer Emulsion

TULSICRYL NANO

TULSICRYL NANO Emulsion is a self-crosslinking acrylic copolymer emulsion suitable for a wide range of substrates. Its outstanding gloss, substrate penetration and adhesion, and mix of hardness with flexibility provide a unique set of properties for the paint formulator to work with. This emulsion is used to manufacture water-based gloss enamels.

PRODUCT SPECIFICATIONS

Chemical Name	STYRENE ACRYLIC CO-POLYMER EMULSION
Appearance	Translucent - Slightly Milky Emulsion
Solid content %	40 ± 1%
pH	8.0 - 10.0
Brookfield viscosity	Max 5 Ps, SP#02, 20 RPM @ 30°C
MFFT (°C)	17 ± 1 °C
Film	Clear to Slightly hazy
Surface	Non-tacky
Density	1.02 ± 0.02 gm/ml

FILM PROPERTIES

TULSICRYL NANO provides superior gloss and clarity with its nanoparticle-size emulsion in water-based technology. It features excellent substrate penetration and adhesion, high hardness development, and strong resistance to dirt pick-up. Additionally, it offers outstanding wet adhesion and water resistance.

APPLICATIONS

TULSICRYL NANO is a versatile binder suitable for both interior and exterior coatings. It is particularly effective in enhancing water resistance in coatings, making it ideal for applications where durability and protection against moisture are crucial. This binder can be applied on a wide variety of substrates, including metal, concrete, masonry, glass, and wood, ensuring its adaptability across different surfaces and environments.

HANDLING & STORAGE

TULSICRYL NANO 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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