

T72

Vinyl Acetate-Vinyl Versatate Copolymer Emulsion

Product Description

T72 VeoVa Emulsion is a vinyl acetate and vinyl versatate copolymer emulsion. Designed for high-end interior and exterior wall coatings, industrial paints, colored tile coatings, and renovation/repair coatings, it provides outstanding alkali and aging resistance. It forms a high-hardness, stain-resistant film that achieves superior color development and color retention for unique depth and fullness. In formulation systems containing light calcium carbonate, it effectively prevents carbon black color-flooding/mottling while increasing hiding power by 15-20%. At an application level of 13.5%, the coating delivers an extraordinary scrub resistance of up to 14,000 cycles.

Product Features

- Excellent alkali resistance and aging resistance.
- Low minimum film-forming temperature yielding high hardness and superior stain resistance.
- Outstanding color development and retention, achieving unique color fullness and preventing chalking.
- Enhanced hiding power, allowing a reduction of up to approximately 30% in titanium dioxide and other pigment usage.
- Steric hindrance and shielding effects from the alkyl groups on the alpha-carbon atom, preventing ester chain hydrolysis and maximizing UV/oxidation resistance for over 10 years of outdoor exposure.

Physical Properties*

Properties	Value	Unit	Test Method
Appearance	Milky white emulsion	—	Visual
Solid Content	50 ± 1	wt%	GB/T 20623-2006
pH	6.0 - 7.0	—	GB/T 20623-2006
Viscosity	30 - 200	CPS	Brookfield DV-S, 2#, 30rpm, 25°C
Glass Transition Temperature (TG)	30	°C	—

*Note: *The properties listed above represent typical results only and should not be construed as product specifications. Please refer to the specific Certificate of Analysis (COA) for official specifications.*

Storage

Please store this product in a cool, dry place away from direct sunlight. The storage temperature should be maintained between 5°C and 35°C. Keep the original packaging completely intact.

The shelf life of this product is six months from the date of manufacture. If the product exceeds its shelf life, a performance evaluation is highly recommended before use. Once the packaging is opened, it is recommended to filter the emulsion properly before application and consume it as quickly as possible.

Disclaimer

Shandong Sanjia Polymer Material Co., Ltd. strongly recommends that customers handle and use this product safely and rationally in accordance with the detailed information provided in the Material Safety Data Sheet (MSDS). While we believe the recommendations and data contained herein are true and reliable, the contents of this Technical Data Sheet are provided for reference purposes only. We offer no warranties, whether express or implied, regarding product characteristics, applications, quality, safety, product specifications, merchantability, or fitness for a particular purpose.

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