



TECHNICAL DATA SHEET

P-525 L

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PRODUCT DESCRIPTION	ONA P-525L is a high solids 100% Acrylic emulsion for Interior and exterior paints, providing, excellent adhesion, abrasion resistance, flexibility and dirt pick up resistance inherent in an internally crosslinked emulsion polymer. The composition of P-525L has been modified in order to optimize the balance of properties with lower co-solvent levels. 50 g/l or less VOC levels can be achieved.	
USES	Designed for use in low VOC flat, satin and semigloss architectural paints for indoor and outdoor applications. Can be used for wall primers and block fillers.	
FEATURES	<ul style="list-style-type: none">• APE Free• Self crosslinkable• Multi-substrate compatibility• Superior scrub resistance	
TYPICAL PROPERTIES ⁽¹⁾	Solids (%):	59% - 61%
	Viscosity (cps):	200 - 600
	Density (lb/gal):	8.8 - 8.9
	pH:	8 - 9
PRODUCT APPLICATION AREAS	<p>P-525L produces hard flexible interior and exterior finishes and will produce 60° gloss level's of 60% covering interior and exterior finishes from flat through semi gloss. P525L can be applied at film thickness up to 10 mils wet allowing it to be used for semi flexible products such as dry wall primers and block fillers.</p> <p>The chemistry of P-525L provides the coating superior scrub resistance and multi-substrate compatibility. The polymer film is hard with reduced dirt pick up and has excellent water resistance when fully coalesced. Paints with 3 cycles of freeze thaw stability can be obtained properly formulated. The latex has good response to HEUR thickeners.</p> <p>Starting point formulations for both a 50 g/L VOC High Quality Flat and Semi-Gloss interior and exterior finishes are available on request. The raw materials suggested were used in the development of these formulations, but should be carefully checked before full-scale production is undertaken⁽²⁾.</p>	
ADDITIONAL DATA	Polymer type:	100% Acrylic
	MFFT (°C):	< 5
	Tg (on set) (°C):	5
	Shelf Life:	6 months
PACK SIZES	450lbs drum	
	2400lbs tote	(weights may vary)
	45,000lbs tanker	

STORAGE CONDITIONS	<p>P-525L containers should be well sealed to prevent evaporation of water and the formation of skin or flakes on the surface. The emulsion should be protected from freezing.</p> <p>Store containers at 5 – 25 °C for not more than six months. Higher temperatures will affect quality and may cause the formation of skins, drop on pH and change of viscosity especially if the containers are not tightly closed or subjected to direct sunlight for long periods.</p> <p>It is recommended to stir the totes before using the latex to ensure homogenization and eliminate any potential settling occurring on long storage periods.</p>
LIMITATIONS	P-525L should be used alone in the formulations, blending with other latexes can jeopardize the development of film properties.
HEALTH AND SAFETY	Please refer to Safety Data Sheet (SDS) for environmental and safe handling information.

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