

Permax™ 805 PVC/PVDC Emulsion

Vinylidene Chloride Emulsion

Permax™ 805 is an APE-free, low VOC, small particle size vinylidene chloride acrylate copolymer emulsion that displays extremely low moisture vapor permeability and excellent corrosion resistance. Permax 805 exhibits longer shelf stability than traditional vinylidene containing polymers. This polymer demonstrates excellent corrosion resistance and adhesion over a variety of metal substrates. Primers formulated with Permax 805 emulsion can be top coated with conventional acrylic or urethane topcoats for exceptional durability and corrosion resistance. The chlorine content of this emulsion contributes to its flame-retardant properties.

FEATURES AND BENEFITS

- Adhesion
- Corrosion Resistance
- Durable
- High Solids
- Low MVTR

CHARACTERISTICS

Characteristic Name	Value
% Volume Solids	50.4
% Weight Solids	58.5-60.5
Appearance	Milky White Liquid
Brookfield Viscosity (cps)	50
Density (g/cc @ 25 °C)	1.28
Freeze/Thaw Stability	Protect from freezing
Latex Weight (lbs/gal)	10.7
MFFT (°C)	13
pH Value	1.0-3.5

REGULATORY

- APEO-Free¹
- Low VOC⁴

¹Not intentionally added to the composition of this product

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Industrial OEM Coatings
- Transportation Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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