

# Permax<sup>®</sup> 805

Vinylidene Chloride Emulsion

PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

**Permax<sup>®</sup> 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/BENEFITS

- APE-free
- Excellent moisture vapor transmission resistance
- Superior corrosion resistance
- ~200 nm particle size promotes shelf-life of up to one year
- Low VOC
- High Solids

## PHYSICAL CHARACTERISTICS\*

Appearance	Milky White Liquid
Total Solids, % by weight	58.5 – 60.5
Total Solids, % by volume	50.4(Calculated Target)
Weight per gallon, lbs	10.7
Density	1.28
pH	1.0 – 3.5
Brookfield Viscosity**@25°C, cps	50
MFFT, °C	13
Freeze/thaw Stability	Protect from freezing

\* Property values represent typical results only and are not to be considered specifications.

\*\* Brookfield Viscosity Model LV, Spindle #1 @ 60 RPM

## TYPICAL APPLICATIONS

- Maintenance Primers
- Automotive primers and DTM enamels
- Rust converting products
- Under hood and underbody coatings
- Barrier coatings

## SHELF LIFE/STORAGE

Lubrizol recommends retesting the quality 1 year after the date of manufacture. Store unopened containers indoors at temperatures between 45° & 95° F. Store in location protected from freezing.

## REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizolcoatings.com](http://www.lubrizolcoatings.com).

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