



## PRODUCT INFORMATION

Product Name: QC 4891

Last Updated: April 7, 2015

### PRODUCT

**QC4891:** Urethane; Polyurethane: Solvent-based Aliphatic Polyester Lacquer

### DESCRIPTION

**QC4891** is a solution of a high molecular weight aliphatic polyester urethane supplied at 25% solids in a blend of solvent containing dipropylene glycol monomethylether, diacetone alcohol, EEP and Aromatic Solvent.

**QC4891** cures by solvent evaporation. The resulting dried film exhibits excellent tensile strength, elongation, abrasion resistance and both light stability and hydrolytic stability.

### APPLICATIONS

- Ink & Paint Binder
- Base Coat for Screen Print Applications
- Clear Hard Top Coat

### DILUTION SOLVENTS

DPM (primary choice)

Diacetone Alcohol (secondary choice)

### TYPICAL PROPERTIES

PROPERTIES	VALUES
Viscosity @ 25°C	2000-5000 cps
Solids,%	25 +/- 1.5%
Weight/Gallon	8.3 +/- 0.1
Solvent System	EEP, DPGME, DPM, Diacetone Alcohol
Tensile <sup>1</sup>	7,000 – 11,000 psi
Elongation <sup>1</sup>	350-400%

### TEST METHODS (ASTM Method)

% Solids - D-2369

Viscosity - D-2196

Tensile - D-412

Elongation - D-412

<sup>1</sup> Instron Tensile Tester; films pulled at 2 in. /min.

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