

## CP – 110

### PRINCIPAL PROPERTIES

CP – 110 100% is a solvent free slightly branched Castor Oil based polyol can be used with polyisocyanate for two component system. Two component system can be used for construction Industries, Flooring, Steel Surface & Concrete.

CP – 110 100% is generally compatible with polyol and MDI and HDI polyisocyanate. It can be combined with Desmodour L to formulate highly resistance sealing compound.

### CHARACTERISTICS

- Good Balance between Elasticity and Hardness
- Excellent water and acid resistance
- Binder for flexible floor coating
- Excellent pigment wetting property
- Excellent abrasion resistance.

### COMPOSITION

|                        |            |
|------------------------|------------|
| Oil                    | Castor Oil |
| Solid Content $\pm$ 2% | 98 – 100%  |

### PHYSICAL CONSTANTS

|  |                  |
|--|------------------|
| Viscosity as such in Brook Field RVT with SSA SP – 28, RPM – 5 at 25°C Temperature | 10 $\pm$ 5 Poise |
| Acid Value (mg KOH/gm) on Solid  | 2 Max            |
| Color on Gardner Scale   | 5 Max            |
| Hydroxyl Value (mg HOK/gm) on Solid  | 180 $\pm$ 5      |
| % OH Content   | 5.40%            |
| Water Content  | 0.20% Max        |

**SOLVENTS:** CP – 110 100% can be thinned with esters, ketones, ether esters and aromatic hydrocarbons. Prolonged storage of a solution with low binder content may result in turbidity and sedimentation. Only PUR grade solvents should be used (<0.05 % water). The solvent should not contain reactive groups.

**SOLUBILITY**

|                      |                  |
|----------------------|------------------|
| Xylene               | Complete Soluble |
| MTO/WS/LAMS          | Complete Soluble |
| n-Butyl Acetate      | Complete Soluble |
| Ethyl Glycol Acetate | Complete Soluble |
| n-Butanol            | Complete Soluble |
| Ethyl Alcohol        | Complete Soluble |

**DELIVERY FORM**

|          |           |
|----------|-----------|
| CP – 110 | 98 – 100% |
|----------|-----------|

