

## POST-4™

### Rheological Additive for Organic Systems Based on Non-Polar Solvents

#### GENERAL INFORMATION

**POST-4** is a castor based additive designed to be added to the let-down of a paint to boost viscosity and sag resistance. It is primarily designed for non-aqueous aliphatic coatings systems. The ability to be post added, allows the

**POST-4** to be used as a post corrective agent for addition to finished batches of paint in need of flow correction and/or pigment suspension enhancement.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	complex organic derivative of castor oil
Color/Form	light amber/liquid
Density at 25°C	1.05 g/cm <sup>3</sup>

These are typical properties not to be used for specification purposes.

#### APPLICATIONS

- Alkyd paints
- Other industrial aliphatic systems

#### KEY PROPERTIES

- Increases sag control.
- Reduces settling of pigments and extenders.
- Minimal effect on gloss and appearance
- Contributes to pigment wetting when introduced in the grind stage.
- May be used as a polar activator for BENTONE® rheological additives.
- Can be used at any point in the paint manufacturing process.
- Does not affect flexibility or dry time.
- Has excellent package stability.

#### INCORPORATION

**POST-4** additive can be introduced at room temperature and there are no temperature limits using conventional paint making practices. The addition of **POST-4** additive is simple and can be made at any point during the manufacturing process (added with the pigment in the mill base or by stirring into the completed paint). Positive sag control and excellent pigment suspension are achieved by any method of addition.

#### LEVELS OF USE

The optimum level will vary depending on the type system. A typical starting level for **POST-4** additive is 0.4 - 0.8% by weight of the paint composition.

**POST-4** additive confers sag and suspension control more or less in proportion to the amount used. However, above a certain level, further addition contributes little or nothing to viscosity development. Apparent viscosity increase may be nil or slight depending on the particular paint involved.

NOTE: **POST-4** additive is NOT recommended for use in aluminium or zinc dust containing paints due to the possibility of gassing.

#### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

#### STORAGE RECOMMENDATIONS

**POST-4** should be kept in a cool, dry location. Avoid storage below 4 °C (40 °F). DO NOT FREEZE.

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### SHELF LIFE

POST-4 has a shelf life of 4 (four) years from date of manufacture.

### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

*NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.*

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