

High molecular weight wetting and dispersing agent for solvent-based systems and pigment concentrates.

### Polyurethane

#### Typical Characteristics

Nature	<b>Polyurethane</b>
Appearance	<b>Clear liquid</b>
Active Content (%)	<b>45</b>
Specific gravity	<b>0.99</b>
Solvent	<b>Xylene / Butyl acetate / Methoxypropyl acetate</b>
Amine Value (mgKOH/g)	<b>13</b>

#### Description

CRAYVALLAC® D-801 is a high molecular weight wetting and dispersing agent for solvent-based systems and pigment concentrates. The CRAYVALLAC® D-801 is supplied as a solution of block copolymers with pigment anchorage groups with the following benefits: Prevents from pigment reflocculation by steric hindrance Stabilizes colour strength Improves pigments wetting Allows higher pigment loading Reduces grinding time Improves gloss and levelling Does not influence paint durability Shows wide compatibility with various resin systems

#### Recommended addition level

Organic pigments: 30 – 60 % delivery form of additive on pigment. Add under low to medium shear.

#### Standard Packaging

Other packaging may be available upon request

- 1000L IBC
- 180 Kg Drum
- 20L Pail

#### Handling & Storage

It should be stored in the original containers in a dry place at temperatures between 5°C (41°F) and 30°C (86°F). Avoid exposure to direct sunlight or frost. In these conditions, this product should be used within 24 months from delivery.

#### Processing instructions

CRAYVALLAC® D-801 should be added to the millbase in order to achieve its full efficiency. The CRAYVALLAC® D-801 should be incorporated under agitation into the resin/solvent premix until homogeneous blend is achieved. Then only, pigment can be added. CRAYVALLAC® D-801 can also be post added for production adjustment. It should be added slowly under high shear.

#### Health and environmental data

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

#### Coatings & Inks

- Graphic Arts
- Industrial Coating
- Textile & Leather Coating

#### Key Benefits

##### Formulation

- Easy handling
- Post addition
- Ready to use

##### Storage

- Antisettling
- Floating resistance
- In-can appearance

##### Film Properties

- Tint strenght
- Gloss
- Transparency

**APEO free:** Yes

**Bacteria resistance:** Yes

**Heavy metal free:** Yes

#### Suitable for

Fillers	●●●○
Organic pigments	●●●○
Inorganic pigments	●●●○