

TECHNICAL DATA SHEET

CRAYVALLAC® D-801

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

TYPICAL CHARACTERISTICS

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

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 and 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 production.

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.

MARKETS

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
- Viscosity stability



FILM PROPERTIES

- Tint strength
- Gloss
- Transparency



SAFER SOLUTIONS

- APEO Free*
- Heavy Metal Free*

** Not intentionally added but not specifically measured (not part of product specification)*

SUITABLE FOR

Inorganic pigments
Organic pigments
Fillers



CRAYVALLAC® D-801

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.

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