CRAYVALLAC®

TECHNICAL DATA SHEET

CRAYVALLAC® FLOW-400

High performance acrylic flow and leveling agent for solvent-based and powder coatings

Polyacrylate

TYPICAL CHARACTERISTICS

Nature	**Polyacrylate**
Appearance	**Clear liquid**
Solid Content (%)	**>98%**
Active Content (%)	**>98%**
Specific gravity	**1.05**
Viscosity	**2000 (Viscosity Cone & plate (mPa.s), 2500 s-1 @ 150°C)**

DESCRIPTION

CRAYVALLAC® Flow-400 is used to improve flow and eliminate air entrapment, orange peel, pinholes, craters and other surface defects. It is an additive based on Acrylate technology to provide excellent ageing resistance to coatings. CRAYVALLAC® Flow-400 is also used as an adhesion promoter additive with excellent performance. CRAYVALLAC® Flow-400 is soluble in many solvents such as ketones, aromatics, mineral spirits, esters, glycol ethers and chlorinated hydrocarbons. CRAYVALLAC® Flow-400 is easily incorporated into formulations due to its wide compatibility and good solubility in most solvents. In Powder coatings, it is recommended to introduce the CRAYVALLAC® Flow-400 by hot blend or even dry blend. The method of incorporating CRAYVALLAC® Flow-400 into coating formulation does not affect the performance of the coating as long as it is uniformly dispersed in the system. This can be achieved by thoroughly mixing it with the other paint ingredients or by master batching the product in a base resin.

RECOMMENDED ADDITION LEVEL

0.5-2.5% under low to medium shear

STANDARD PACKAGING

Other packaging may be available upon request

- 200 Kg Drum

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.

MARKETS

Coatings & Inks
- Flooring
- Graphic Arts
- Industrial Coating
- Textile & Leather Coating
- UV Coatings
- Inks

KEY BENEFITS

FORMULATION
- Compatibility
- Post addition
- Ready to use

APPLICATION
- Air release

FILM PROPERTIES
- Gloss
- Levelling
- Defects reduction

SAFER SOLUTIONS
- APEO Free*
- Heavy Metal Free*

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

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PROCESSING INSTRUCTIONS

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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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