

CRAYVALLAC FLOW-400



TECHNICAL DATA

SALES SPECIFICATION

Solid content (%) > 98
(MOES1150)

OTHER PROPERTIES

Viscosity at 150°C, 2500 s-1, spindle 4	2000 (mPa.s)
Appearance	Transparent, colourless
Density at 20°C (g/cm ³) (ISO 2811)	1.05
Flash Point (°C) (ISO 2719)	150

PRODUCT INFORMATION

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 n-butyl acrylate to provide excellent ageing resistance to coatings. **CRAYVALLAC FLOW-400** is also used as an adhesion promoter additive with excellent performance.

CRAYVALLAC FLOW-400 enhances the following benefits:

- Very good light resistance
- Excellent ageing
- Good adhesion, even on difficult substrate
- Good compatibility

CRAYVALLAC FLOW-400 is suitable for use in a wide range of systems and applications (solvent based and solvent-free):

- Powder coatings
- Wood coatings
- Plastic coatings
- Can and Coil coatings
- General industrial coatings
- Paste and liquid inks

CRAYVALLAC FLOW-400 is soluble in many solvents such as ketones, aromatics, mineral spirits, esters, glycol ethers and chlorinated hydrocarbons.

RECOMMENDED AMOUNTS

Generally 0.5-2.5% based on total formulation.

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

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.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC FLOW-400** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTION FOR STORAGE

CRAYVALLAC FLOW-400 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. Under these conditions the product may be stored for up to 24 months from production date.

PRECAUTION FOR USE

Please refer to the corresponding Safety Data Sheet.

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