

COATING RESINS

TECHNICAL DATA

CRAYVALLAC A-2201-M

SALES SPECIFICATION

Non-volatile content, % @ 150°C (MOES1150)	69-71
Viscosity Brookfield (25°C), mPa.s (MOLVBMPA)	100-150
Acid Value, mgKOH/g, on product as supplied 2 (max.) (MOLIASS)	
Colour, Gardner (MOLIC)	1 (max.)

OTHER PROPERTIES

Density at 25°C, g/cm ³	0.93
Appearance	Liquid
Solvents	Xylene/n-Butanol

PRODUCT INFORMATION

CRAYVALLAC A-2201-M is a high performance polyacrylate surface tension and air release modifier for the control of coating surface properties.

The main characteristics of **CRAYVALLAC A-2201-M** are:

- Suitable for most coating systems
- Contains no silicone ingredients
- Recoatable
- Pourable

CRAYVALLAC A-2201-M is suitable for use in a wide range of solvent based coating systems and applications:

- Alkyd resins
- Acrylic resins
- Epoxy resins
- Polyesters
- Vinyl thermoplastic resins

RECOMMENDED AMOUNTS

Generally 0.5 % additive solids on total vehicle solids for in spray applications.

1 % additive solids on total vehicle solids for roll coat, Coil and Deco.

INCORPORATION METHODS AND PROCESSING INSTRUCTIONS

CRAYVALLAC A-2201-M is especially effective when used as an air release agent in high solids, airless spray applied polyester systems. **CRAYVALLAC A-2201-M** has been shown to be effective when blended with other **CRAYVALLAC** additives such as **CRAYVALLAC A-620-A2**. At recommended levels, no side effects should be evident, with the exception that in some clear coatings over bright/reflective metals a slight haze may be noticeable, depending on compatibility.

The following benefits are to be gained by using **CRAYVALLAC A-2201-M** in solvent based coatings:

- Enhanced substrate wetting
- Improved flow and levelling
- Reduced craters and fisheyes
- Reduced orange peel and pinholes
- Improves gloss and DOI
- Will not detract from exterior durability

Its use is suggested in the following applications:

- Roller Applied Coatings
- Coil Coatings
- Metal Deco Coatings
- Thermoset systems
- Two Package Urethanes

The results of these enhancements are smoother films with fewer imperfections and a superior overall appearance when compared with the unmodified coating. **CRAYVALLAC A-2201-M** can be added to coating formulations at any step in the manufacturing of paints. **CRAYVALLAC A-2201-M** can also be post added in the field.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing **CRAYVALLAC A-2201-M** be tested thoroughly to ensure suitability for their intended end use.

PRECAUTIONS FOR STORAGE

CRAYVALLAC A-2201-M 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 2 years after production date.

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Please refer to the corresponding Safety Data Sheet.