

Technical Data Sheet

Dynoadd[®] F-201ND

Flow and levelling additive for solvent borne coatings

- Enhances flow and levelling
- Prevents surface defects
- Aids air-release
- Prevents flooding and floating
- Non-silicone

Properties

Dynoadd[®] F-201ND is a solution of a polyester modified acrylic polymer that effectively controls surface tension in solvent based coating systems. Small additions contribute to improved flow, and a reduction in surface imperfections like craters, orange peel and pinholes. Dynoadd[®] F-201ND improves air release and reduces foam formation in some systems.

Typical applications / dosage

Coil coatings	0.1%	- 0.6%
Wood coatings	0.2%	- 1.0%
General Industry	0.1%	- 0.6%

The additive has limited compatibility in many lacquer systems, thus contributing to good defoaming as well as levelling. It may be used in all layers in multi-layered systems.

Method of addition

Dynoadd[®] F-201ND is usually added in the let down stage of the formulation. Addition of the additive during pigment dispersion can give further improvement to hiding power and to crater resistance.

Solubility

Dynoadd[®] F-201ND is completely soluble in solvents like aromatic hydrocarbons, glycol ethers, esters and alcohols. It has a limited solubility in aliphatic hydrocarbons, and is not soluble in water.

Delivery Form

Polymer (80%) dissolved in Solvesso 150ND.

Technical data

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Non-volatile solids %	80	150°C, 20 min.
Viscosity mPa.s. 23°C	1100	DIN 53019
Refractive Index nD20	1.478	ISO 5661
Specific gravity 25/4°C	0.982	ISO 15212-1

Regulatory status

EU-REACH-Dynoadd F-201ND is EU-Reach compliant

A complete regulatory status of this product can be obtained upon request.

Storage stability

Storage stability is three years from the date of production when stored at temperatures below 25°C in closed containers.

Packaging

Material	Type	Kg Net	Item no.
PE	IBC	1000	F120320
Steel	Drum	200	F120358
Steel	Pail	24	F120370