Technical Data Sheet

Dynoadd® F-3B

Anti-crater and flow additive for solvent borne coatings

- **Excellent flow and levelling**
- **Improves substrate wetting**
- **Eliminates craters and pinholes**
- **FDA 21 §175.300 compliant**
- **Non-silicone**
- **Non-VOC**

Properties

Dynoadd® F-3B is a low-migratable version of Dynoadd® F-3. It is a flow and anti-crater additive for solvent-borne coatings for food contact applications. It lowers surface tension, thus improves substrate wetting. Surface defects like craters, cissing and pinholes are eliminated. Dynoadd® F-3B has limited, but balanced compatibility with most backbone resins, and has defoaming properties. Dynoadd® F-3B is an excellent choice in multiple-layer coatings, as it does not influence inter-coat adhesion. Dynoadd® F-3B's good wetting properties make it suitable as dispersing aid for carbon black pigments.

Typical applications / dosage

Can coatings	0.01% - 0.3%
Printing Inks	0.1% - 2.0%

The additive is compatible with most solvent-borne and non-solvent coating systems independently of lacquer chemistry. It may be used in all layers in multi-layered systems.

Method of addition

Addition is usually in the let down stage. Dividing the addition of Dynoadd® F-3B between the pigment dispersion and in the let down can improve pigment wetting and hiding power.

Solubility

Dynoadd® F-3B 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

Liquid polymer (100%).

Technical data

Parameter	Typical value	Method
Appearance	Hazy liquid	Subjective
Viscosity mPa.s. 23°C	11600	DIN 53019
Refractive Index nD20	1.467	ISO 5661
Specific gravity 25/4°C	1.064	ISO 15212-1

Regulatory Status

EU-REACH- Dynoadd F-3B 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	F121620
Steel	Drum	200	F121655
Steel	Pail	200	F121670