

Technical Data Sheet

Dynoadd[®] F-707

Foam control additive for solvent borne coating formulations

- Instant release of surface foam
- Anti-popping
- Anti-foam
- Non-silicone

Properties

Dynoadd[®] F-707 is a non-silicone polymeric foam control additive. It is effective in preventing generation of foam, and it is particularly effective in air release, thus reducing popping. Dynoadd[®] F-707 controls surface tension in solvent-based systems. Small additions may also contribute to improved flow and a reduction in surface imperfections like craters and orange peel. Dynoadd[®] F-707 has a good compatibility with many wax dispersions, giving good performance also in highly waxed coatings. Dynoadd[®] F-707 can also be used in combination with Dynoadd[®] flow additives.

Typical applications / dosage

Coil Coatings:	0.05% - 0.6%
PVdF:	0.05% - 0.6%
General Industry:	0.03% - 0.6%
Packaging Coatings:	0.03% - 0.3%

A first trial dose of 0.1% is recommended.

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

Method of addition

Dynoadd[®] F-707 is usually added in the let down stage of the formulation. Lacquers should be stirred prior to use after storage.

Solubility

Dynoadd[®] F-707 is soluble in aromatic hydrocarbons and longer chained acetates and alcohols. It has a limited solubility in esters and glycols, and is not soluble in water

Delivery form

Polymers (28%) in 2-ethyl-hexyl acetate.

Technical data

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Non-volatile solids %	28	150°C, 20 min.
Viscosity mPa.s. 23°C	<10	DIN 53019
Refractive Index nD20	1.448	ISO 5661
Specific gravity 25/4°C	0.868	ISO 15212-1

Regulatory status

EU-REACH-Dynoadd F-707 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.
Steel	Drum	160	F122358
Steel	Pail	20	F122370