

Dynoadd[®] F-705

Foam control additive for solvent borne coating formulations

- Instant air release
- Anti-popping
- Anti-foam
- Food contact compliant
- Non-silicone
- VOC free

Properties

Dynoadd[®] F-705 is a highly effective non-silicone, VOC free polymeric foam control concentrate. It is effective in radiation curing formulations at preventing generation of foam, and it is particularly effective in air release, thus reducing popping and pinholes. It can be used as a foam control and de-aerating additive in solvent-borne food contact coatings at levels up to 0.1%. Dynoadd[®] F-705 is recommended for use as defoamer and de-aerator in thick film coatings (2K epoxy, UP, PUR).

Typical applications / dosage

Packaging coatings	0.01% - 0.1%
Direct Food Contact	0.01% - 0.1%
UV coatings:	0.01% - 0.2%
General Industry:	0.01% - 0.2%
Floor coatings:	0.01% - 1.0%

A first trial dose of 0.05% is recommended.

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

Dynoadd[®] F-705 is a foam control concentrate, and requires a thorough mixing in the lacquer to perform. In case of improper mixing facilities, Dynoadd[®] F-705 should be diluted in an appropriate solvent or monomer prior to use. Lacquers should be stirred prior to use after storage.

Solubility

Dynoadd[®] F-705 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

Liquid polymer mixture (100% active).

Technical data

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	3060	DIN 53019
Refractive Index nD20	1.473	ISO 5661
Specific gravity 25/4°C	0.850	ISO 15212-1

Regulatory status

EU-Reach-Dynoadd F-705 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	800	F122420
Steel	Drum	160	F122458
Steel	Pail	20	F122470