

Technical Data Sheet

Dynoadd[®] F-712

Air-release additive for UV curing formulations

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

Properties

Dynoadd[®] F-712 is a non-silicone polymeric air release additive. It is effective in preventing generation of foam, and it is particularly effective in air release, thus reducing pinholes and micro-foam. The additive has little or no influence on film clarity. Dynoadd[®] F-712 may contribute positively to flow. The product is diluted in 2-ethylhexyl acrylate to ease incorporation and ensure optimum dispersion in radiation curable formulations.

Typical applications / dosage

UV coatings: 0.1% - 0.6%

A first trial dose of 0.1% is recommended.

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

Method of addition

Dynoadd[®] F-712 is usually added in the let down stage of the formulation. Lacquers should be stirred prior to use after storage.

Solubility

Dynoadd[®] F-712 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 (50%) in 2-ethylhexyl acrylate.

Technical data

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	20	DIN 53019
Refractive Index nD20	1.461	ISO 5661
Specific gravity 25/4°C	0.875	ISO 15212-1

Regulatory status

EU-REACH-Dynoadd F-712 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 30°C in closed containers.

Packaging

Material	Type	Kg Net	Item no.
Steel	Drum	160	Click here to
Steel	Pail	20	Click here to