

Technical Data Sheet

Dynoadd[®] F-409

Flow and levelling additive for solvent borne coatings

- Enhances flow and levelling
- Enhances gloss
- Prevents craters
- Eliminates orange peel
- Improves substrate wetting
- Improves surface slip

Properties

Dynoadd[®] F-409 is a polyester-based, siloxane modified additive that effectively controls surface tension in UV coating systems. Dynoadd[®] F-409 gives excellent flow, levelling and overspray cratering resistance to spray applied coatings. The additive significantly reduces orange peel and improves film appearance at low dosage levels. Enhanced surface slip is gained with increasing level of addition.

Typical applications / dosage

General Industry	0.1%	-	0.6%
Wood Coatings	0.1%	-	1.0%

The additive is compatible with most solvent-borne and solvent-free radiation curing systems independent of oligomer chemistry.

Method of addition

Dynoadd[®] F-409 is usually added in the let down stage of the formulation.

Solubility

Dynoadd[®] F-409 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

Mixture of polymers (100% active).

Technical data

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	1600	DIN 53019
Refractive Index nD20	1.462	ISO 5661
Specific gravity 25/4°C	1.055	ISO 15212-1

Regulatory status

EU-REACH-Dynoadd F-409 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.
PE	IBC	1000	F224020
Steel	Drum	200	F224055
Steel	Pail	25	F224070