dynoadd®
by dynea

Dynoadd F-705

Foam control additive for solvent borne coating formulations

- **Instant air release**
- **Anti-popping**
- **Anti-foam**
- **Food contact compliant**
- **Silicone- and VOC-free**

Properties

Dynoadd F-705 is a highly effective silicone-free, 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).

Addition Method and 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.

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.

Technical Data

Liquid polymer mixture (100% active).

Parameter	Typical value	Method
Appearance	Clear liquid	Subjective
Viscosity mPa.s. 23°C	3050	DIN 53019
Specific gravity 25/4°C	0.850	ISO 15212-1

Soluble in aromatic hydrocarbons and longer chained acetates and alcohols.
Partially soluble in esters and glycols.
Insoluble in water.

Regulatory Status

EU-REACH- compliant.
A regulatory status of this product and MSDS can be obtained upon request at www.dynoadd.com

Storage Stability

Storage stability is three years from the date of production when stored at temperatures below 25 °C in closed containers.

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