

Flow- and antifoam additives



| PRODUCTNAME | DESCRIPTION | PAINT SYSTEMS | APPLICATION | SPECIAL FEATURES |
|----------------------|---|--|--|---|
| DYNOADD F-1 | <p>Excellent allrounder flow- and anti-crater additive. Allrounder with very well balanced performance</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves wetting ○ eliminates craters, cissing, pinholes and overspray-craters | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Industrial coatings ○ Coil coatings ○ Automotive ○ Printing inks ○ Wood coatings | <ul style="list-style-type: none"> ○ VOC-free ○ silicon-free ○ defoaming ○ excellent choice for multiple-layer coatings |
| DYNOADD F-100 | <p>Flow- and wetting additive, very good compatibility</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves wetting ○ eliminates, craters, cissing, pinholes and overspray-craters ○ compatible with polar systems | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Industrial coatings ○ Coil coatings ○ Can coatings ○ Automotive ○ Printing inks ○ Wood coatings | <ul style="list-style-type: none"> ○ VOC-free ○ silicone-free ○ is more compatible with backbone resins than DYNOADD F-1 ○ gives improved performance in polar systems ○ can be use in all layers of multi-layered coatings |
| DYNOADD F-101 | <p>Flow- and wetting additive, very good compatibility</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves wetting ○ eliminates, craters, cissing, pinholes and overspray-craters ○ compatible with polar systems | <ul style="list-style-type: none"> ○ Solvent borne ○ UV-curing | <ul style="list-style-type: none"> ○ Industrial coatings ○ Coil coatings ○ Automotive ○ Printing inks ○ Wood coatings ○ UV-coatings | <ul style="list-style-type: none"> ○ VOC-free ○ silicone-free ○ DYNOADD F-101 is more polare than DYNOADD F-100. ○ the higher polarity gives better pigment-wetting and improved adhesion ○ can be use in all layers of multi-layered coatings |
| DYNOADD F-102 | <p>Flow additive with very good antifoam properties</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ immproves wetting ○ eliminates craters and pinholes ○ antifoaming | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Industrial coatings ○ Coil coatings | <ul style="list-style-type: none"> ○ 80% in DPM (dipropyleneglycol-monomethylether) ○ silicone-free ○ good combination with DYNOADD F-1 ○ limited compatibility ○ can be use in all layers of multi-layered coatings |

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| DYNOADD F-106 | Flow additive with excellent transparency, especially for clear coatings <ul style="list-style-type: none"> ○ improves flow/levelling ○ eliminates orange peel, craters and popping | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Automotive OEM clear coats | <ul style="list-style-type: none"> ○ 50% in DPM (dipropyleneglycolmonomethylether) ○ silicone-free ○ improves flow/levelling without affecting transparency ○ good DOI (Distinctness of Image) |
| DYNOADD F-112 | Higher polymeric flow and anti-crater additive <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves wetting ○ eliminates craters, bubbles, pinholes and overprint-craters ○ antifoaming | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Industrial coatings ○ Coil coatings ○ Automotive ○ Wood coatings | <ul style="list-style-type: none"> ○ 80% in DPM (dipropyleneglycolmonomethylether) ○ silicone-free ○ can be use in all layers of multi-layered coatings |
| DYNOADD F-201ND | Flow additive with antifoam properties <ul style="list-style-type: none"> ○ improves flow/levelling ○ eliminates craters, orange peel and pinholes ○ aids air-release and reduces foam ○ prevents flooding and floating | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Industrial coatings ○ Coil coatings ○ Wood coatings | <ul style="list-style-type: none"> ○ 80% in Solvesso 150ND ○ silicone-free ○ limited compatibility ○ can be use in all layers of multi-layered coatings |
| DYNOADD F-404 | Flow- and wetting additive with increased slip and high gloss effect <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves gloss ○ improves wetting and slip ○ eliminates craters and overspray creators | <ul style="list-style-type: none"> ○ Solvent borne ○ UV-curing | <ul style="list-style-type: none"> ○ Industrial coatings ○ Automotive ○ Wood coatings ○ UV-coatings | <ul style="list-style-type: none"> ○ 50% in DPM (dipropyleneglycolmonomethylether) ○ siloxane-modified |
| DYNOADD F-409 | <ul style="list-style-type: none"> ○ Flow- and wetting additive for UV-coatings ○ improves flow/levelling ○ improves gloss ○ improves weeting and slip ○ eliminates craters and orange peel | <ul style="list-style-type: none"> ○ UV-curing | <ul style="list-style-type: none"> ○ Industrial coatings ○ Wood coatings ○ UV-coatings | <ul style="list-style-type: none"> ○ VOC-free ○ siloxane-modified |

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Click here for your sample!



EXCELLENCE IN APPLIED CHEMISTRY

| PRODUCTNAME | DESCRIPTION | PAINT SYSTEMS | APPLICATION | SPECIAL FEATURES |
|-----------------------------|--|---|--|---|
| DYNOADD F-414 B | <p>Flow- and wetting additive</p> <ul style="list-style-type: none"> ○ improves slip significantly ○ improves mar resistance ○ eliminates overspray-craters Ideal in combination with DYNOADD F-100 | <ul style="list-style-type: none"> ○ Solvent borne ○ Solvent free | <ul style="list-style-type: none"> ○ Industrial coatings ○ Autootive ○ Wood coatings | <ul style="list-style-type: none"> ○ 60% in BGA (butylglycolacetate) ○ siloxane-modified ○ not soluble in water |
| DYNOADD F-461 NEW | <p>Flow- and wetting additive with increased slip and defoaming</p> <ul style="list-style-type: none"> ○ reduces surface tension ○ very good wetting ○ slip improvment giving increased scratch and mar resistance ○ prevents defects ○ for wood and direct to metal coatings | <ul style="list-style-type: none"> ○ waterbased systems ○ solventbased systems ○ solvent-free systems ○ Acrylic resin systems ○ PUD's ○ Epoxy | <ul style="list-style-type: none"> ○ industrial coatings ○ wood coatings ○ automotive coatings | <ul style="list-style-type: none"> ○ 100% polymer liquid ○ polyether-polysiloxan based ○ SVHC-free ○ partially soluble in water ○ soluble in alcohols, glycolethers and acetates ○ insoluble in mineral spirits |
| DYNOADD F-601 | <p>Flow- and wetting additive</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ eliminates craters, overspray-craters, pinholes and fish eyes | <ul style="list-style-type: none"> ○ Water borne ○ UV-curing ○ Solvent borne, highly polar | <ul style="list-style-type: none"> ○ Industrial coatings | <ul style="list-style-type: none"> ○ 50% in DPM (dipropyleneglycolmonomethylether) ○ silicone-free ○ can be use in all layers of multi-layered coatings |
| DYNOADD F-603 | <p>Flow- and wetting additive with low foam formation</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves wetting ○ eliminates craters, pinholes and fish eyes ○ low foam formation | <ul style="list-style-type: none"> ○ Water borne ○ UV-curing | <ul style="list-style-type: none"> ○ Automotive ○ Wood coatings ○ UV-coatings | <ul style="list-style-type: none"> ○ not neutralized ○ 50% in DPM (dipropyleneglycolmonomethylether) ○ silicone-free ○ can be use in all layers of multi-layered coatings ○ not neutralised |
| DYNOADD F-606 | <p>Non foaming substrate wetting agent for water-based systems</p> <ul style="list-style-type: none"> ○ improves substrate wetting ○ improves pigment wetting ○ foam de-stabilising ○ very wide compatibility ○ high transparency | <ul style="list-style-type: none"> ○ water based ○ UV-curing | <ul style="list-style-type: none"> ○ water based primers ○ automotive primers and basecoats ○ water based UV-coatings ○ printing inks ○ architectural paints ○ water based adhesives | <ul style="list-style-type: none"> ○ non-ionic ○ 50% in DPM (dipropyleneglykolmonomethylether) ○ silicone-freei ○ water soluble ○ very easy handling / incorporation even to the finished paint) |

Flow- and antifoam additives



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| DYNOADD F-608 | <p>Non foaming wetting and levelling additive for water-based systems</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves wetting ○ eliminates craters, pinholes and fish eyes ○ no foam formation ○ very wide compatibility ○ high transparency | <ul style="list-style-type: none"> ○ water based ○ UV-curing | <ul style="list-style-type: none"> ○ Industrial coatings ○ Automotive ○ Wood coatings ○ waterbased UV-coatings ○ Acrylic dispersions ○ PU dispersions ○ water dilutable alkyd-, polyester- and epoxy-resins | <ul style="list-style-type: none"> ○ 50% in DPM (dipropyleneglykolmonomethylether) ○ silicone-free ○ water soluble ○ very easy handling / incorporation (even to the finished paint) |

Antifoam- and air-release additives

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|---------------|--|---|--|--|
| DYNOADD F-470 | <p>Highly effective degassing agent for clear thick film applications</p> <ul style="list-style-type: none"> ○ no haze ○ prevents foam formation ○ air-releasing and anti-popping ○ eliminates air-entrapment, pinholes and surface foam ○ improves flow and slip ○ | <ul style="list-style-type: none"> ○ Solvent borne ○ Solvent free | <ul style="list-style-type: none"> ○ Thick-film applications like: ○ Floor coatings ○ Castings ○ Moulding based on 2K epoxies, unsaturated PE's, 1K- and 2K PU's | <ul style="list-style-type: none"> ○ 3% in 2-ethyl-hexyl acetate ○ Fluoro modified ○ Silicone modified ○ does NOT reduce transparency ○ for clear/transparent thick film applications |
| DYNOADD F-471 | <p>Highly effective degassing agent for clear thick film applications</p> <ul style="list-style-type: none"> ○ no haze ○ prevents foma formation ○ air-releasing and anti-poppting ○ eliminates air-entrapment and pinholes ○ imporves flow and slip ○ especially suitable for airmix and airless spray applications | | | <ul style="list-style-type: none"> ○ 3% in butyl-acetate ○ Fluoro modified ○ Silicone modified ○ does NOT reduce transparency ○ for clear/transparent thick film applications |

Flow- and antifoam additives



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| DYNOADD F-701B | <p>Antifoam concentrate</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-releasing and anti-popping ○ eliminates craters and orange peel | <ul style="list-style-type: none"> ○ Solvent borne ○ Solvent free | <ul style="list-style-type: none"> ○ Coil coatings ○ Industrial coatings ○ Packagings ○ PVdF-systems | <ul style="list-style-type: none"> ○ VOC-freesilicone-free ○ can be use in all layers of multi-layered coatings ○ very good compatibility with wax-dispersions, even at high wax-concentration levels |
| DYNOADD F-707 | <p>Antifoam- and air-release agent</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-releasing ○ anti-popping <p>Ideal in combination with flow- and levelling additive DYNOADD F-101</p> | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Coil coatings ○ PVdF-systems ○ Industrial coatings ○ Packagings | <ul style="list-style-type: none"> ○ 28% in 2-ethyl-hexal acetate ○ silicon-free ○ corresponds to DYNOADD F-705 dissolved in 2-Ethyl-hexal acetate ○ can be use in all layers of multi-layered coatings ○ very good compatibility with wax-dispersions, even at high wax-concentration levels |
| DYNOADD F-708 | <p>Antifoam concentrate with good compatibility</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-releasing and anti-popping eliminates craters and orange peel ○ improves flow/levelling <p>Ideal in combination with flow- and levelling additive DYNOADD F-101</p> | <ul style="list-style-type: none"> ○ Solvent borne ○ Water borne ○ UV-curing | <ul style="list-style-type: none"> ○ Coil coatings ○ Industrial coatings ○ Packagings ○ PVdF-systems ○ Printing inks ○ UV-coatings | <ul style="list-style-type: none"> ○ VOC-frei ○ silicone-free ○ can be use in all layers of multi-layered coatings ○ very good compatibility with wax-dispersions, even at high wax-concentration levels ○ better compatibility as DYNOADD F-705 |

Flow- and antifoam additives



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| DYNOADD F-709 | <p>Antifoam concentrate with good compatibility</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-releasing and anti-popping ○ eliminates craters and orange peel improves flow/levelling <p>Ideal in combination with flow- and levelling additive DYNOADD F-101</p> | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Coil coatings ○ Industrial coatings ○ Packagings ○ PVdF-systems | <ul style="list-style-type: none"> ○ 28% in 2-ethyl-hexyl acetate ○ silicon-free ○ corresponds to DYNOADD F-708 dissolved in 2-Ethyl-hexal acetate ○ can be use in all layers of multi-layered coatings ○ very good compatibility with wax-dispersions, even at high wax-concentration levels |
| DYNOADD F-711 | <p>Anti-popping and antifoam concentrate with excellent compatibility</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-releasing ○ anitp-popping ○ improves flow/levelling | <ul style="list-style-type: none"> ○ Solvent borne ○ Solvent free | <ul style="list-style-type: none"> ○ Industrial coatings ○ Coil coatings ○ Automotive | <ul style="list-style-type: none"> ○ VOC-free ○ silicone-free better compatibility as DYNOADD F-705 ○ excellent as anti-popping agent |
| DYNOADD F-712 | <p>Anti-popping and antifoam concentrate with excellent compatibility</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-releasing ○ anitp-popping ○ improves flow/levelling | <ul style="list-style-type: none"> ○ UV-curing | <ul style="list-style-type: none"> ○ UV-coatings | <ul style="list-style-type: none"> ○ 50% in 2-ethyl-hexyl acrylate ○ silicone-free ○ corresponds to DYNOADD F-711 dissolved in 2-ethyl-hexyl acrylate can be use in all layers of multi-layered coatings ○ excellent as anti-popping agent |
| DYNOADD F-713 | <p>Antifoam additive for thick film applications</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-release ○ anti-popping ○ eliminates pinholes | <ul style="list-style-type: none"> ○ Solvent borne ○ Solvent free | <ul style="list-style-type: none"> ○ Thick-film applications like: ○ Floor coatings ○ Castings ○ Moulding based on 2K epoxies, unsaturated PE's, 1K- and 2K PU's | <ul style="list-style-type: none"> ○ VOC-free ○ silicone-free ○ may reduce film transparency ○ preferably for pigmented systems |

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|----------------------|---|---|---|--|
| DYNOADD F-760 | <ul style="list-style-type: none"> o Defoamer additive o prevents foam o rapid destabilization and destruction of foam o incorporation even without high shear forces o Can also be used for pigment dispersion | <ul style="list-style-type: none"> o aqueous systems o 2K NCO systems | <ul style="list-style-type: none"> o aqueous paints, varnishes and coatings | <ul style="list-style-type: none"> o Polymer solution in alcohol and hydrocarbon solvent o silicone-free o free of mineral oil o Surface remains overprintable o insoluble in water but very soluble in solvents such as hydrocarbons, glycol ethers, esters and alcohols |
| DYNOADD F-113 | <p>Flow additive with pronounced crosslinking density</p> <ul style="list-style-type: none"> o eliminates significantly dirt pickup o excellent anti-blocking o improves release properties of film o improves anti-graffity properties o eliminates craters, orange peel and pinholes | <ul style="list-style-type: none"> o Solvent borne | <ul style="list-style-type: none"> o Coil coatings o Heat-set topcoats | <ul style="list-style-type: none"> o 70% in DPM (dipropylene glycol-monomethylether) o silicone-free |
| DYNOADD F-800 | <p>Multifunctional adhesion promoting flow additive</p> <ul style="list-style-type: none"> o improves significantly adhesion to PU-foams o eliminates orange peel, craters and pinholes | <ul style="list-style-type: none"> o Solvent borne | <ul style="list-style-type: none"> o Coil coatings o PU coatings | <ul style="list-style-type: none"> o 65% in solvent naphta 150 / dibasic ester (1:1) o surface activ polymer with excellent adheion to PU-foams o silicone-free o can be use in all layers of multi-layered coatings |
| DYNOADD F-802 | <p>Multifunctional adhesion promoting flow additive</p> <ul style="list-style-type: none"> o improves significantly adhesion to next isocyanate-paint or adhesive layer o eliminates orange peel, craters and pinholes | <ul style="list-style-type: none"> o Solvent borne o overcoatable | <ul style="list-style-type: none"> o Primer o Coil-coating o PU paints o Baking enamels o Inks | <ul style="list-style-type: none"> o 72% in solvent naphta 150 / dibasic ester (1:1) o Surface-active polymer with very good adhesion to next isocyanate-paint or adhesive layer o silicone-free |

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| DYNOADD F-810 | <p>Multifunctional adhesion promoting flow additive</p> <ul style="list-style-type: none"> ○ improves significantly adhesion of UV-curable printing inks and coatings ○ eliminates orange peel, craters and pinholes | <ul style="list-style-type: none"> ○ Solvent borne ○ UV-curing | <ul style="list-style-type: none"> ○ Coil-coatings ○ PU coatings ○ Packagings | <ul style="list-style-type: none"> ○ 100% Polymer (flüssig) ○ surface active polymer with excellent adhesion to UV-curable printing inks and coatings ○ silicone-free |
| DYNOADD F-3B | <p>Excellent flow- and wetting additive for food contact</p> <ul style="list-style-type: none"> ○ improves flow/levelling ○ improves wetting ○ eliminates craters, cissing and pinholes ○ defoaming ○ good dispersion aid for carbon black pigments | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Can coatings ○ Coil coatings ○ Printing inks ○ Packagings | <ul style="list-style-type: none"> ○ VOC-free ○ silicone-free ○ FDA – compliant ○ defoaming ○ can be use in all layers of multi-layered coatings |
| DYNOADD F-300 | <p>Flow- and wetting additive with very good compatibility</p> <ul style="list-style-type: none"> ○ eliminates craters, cissing and pinholes ○ compatible with polar systems | <ul style="list-style-type: none"> ○ Solvent borne | <ul style="list-style-type: none"> ○ Can coatings ○ Coil coatings ○ Printing inks ○ Packagings | <ul style="list-style-type: none"> ○ - VOC-free ○ silicone-free ○ FDA – compliant ○ better compatibility with polar systems than DYNOADD F-3B ○ can be use in all layers of multi-layered coatings |
| DYNOADD F-705 | <p>Antifoam- and air-release concentrate</p> <ul style="list-style-type: none"> ○ eliminates foam ○ air-releasing ○ anti-popping | <ul style="list-style-type: none"> ○ Solvent borne ○ Solvent free ○ UV-curing | <ul style="list-style-type: none"> ○ Industrial coatings ○ Printing inks ○ UV-coatings ○ Packagings ○ Floorings | <ul style="list-style-type: none"> ○ VOC-free ○ silicone-free ○ food contact compliant ○ can be use in all layers of multi-layered coatings ○ does not influence appearance of UV-coatings |

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| DYNOADD F-706 | Antifoam- and air-release agent for UV-coatings <ul style="list-style-type: none"> ○ eliminates foam ○ air-release ○ anti-popping | <ul style="list-style-type: none"> ○ UV-curing | <ul style="list-style-type: none"> ○ UV-coatings ○ Wood coatings ○ Packagings | <ul style="list-style-type: none"> ○ 34% in 2-ethyl-hexyl acrylate ○ silicone-free ○ food contact compliant ○ corresponds to DYNOADD F-705 dissolved in 2-ethyl-hexyl acrylate ○ can be use in all layers of multi-layered coatings ○ does not influence appearance of UV-coatings |

Dispersing additives - NEW

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| DYNOADD D-960 | Dispersing agent primarily for: <ul style="list-style-type: none"> ○ carbon black pigments ○ also organic pigments ○ fast grinding time ○ low viscosity pigment pastes ○ high colour strength and gloss ○ excellent stability | <ul style="list-style-type: none"> ○ waterbased, pigmented systems | <ul style="list-style-type: none"> ○ water borne pigment pastes ○ automotive coatings ○ industrial coatings ○ wood coatings ○ printing inks | <ul style="list-style-type: none"> ○ - VOC-free ○ label-free ○ silicone free ○ non-ionic polymer based ○ Newtonian ○ 40% in water ○ fully soluble in water, ethanol, isopropanol and acetone |
| DYNOADD D-962 | Dispersing agent, primarily for: <ul style="list-style-type: none"> ○ organic pigments ○ inorganic pigments ○ also carbon black pigments ○ low viscosity pigment pastes ○ high colour strength and gloss ○ excellent stability | <ul style="list-style-type: none"> ○ waterbased, pigmented systems | <ul style="list-style-type: none"> ○ water borne pigment pastes ○ automotive coatings ○ industrial coatings ○ wood coatings ○ printing inks | <ul style="list-style-type: none"> ○ VOC-free ○ label-free ○ silicone free ○ non-ionic polymer based ○ 40% in water ○ fully soluble in water, ethanol, isopropanol and acetone |
| DYNOADD D-963 NEW | Dispersing agent primarily for: <ul style="list-style-type: none"> ○ inorganic pigments and fillers ○ also organic pigments ○ excellent viscosity reduction ○ high colour strength and gloss ○ excellent stability | <ul style="list-style-type: none"> ○ waterbased, pigmented systems | <ul style="list-style-type: none"> ○ water borne pigment pastes ○ automotive coatings ○ industrial coatings ○ wood coatings ○ printing inks | <ul style="list-style-type: none"> ○ VOC-free ○ label-free ○ silicone free ○ polymer mixture ○ 40% in water ○ fully soluble in water, ethanol, isopropanol and acetone |