

PRODUCT LINE SUMMARY / DELIVERY PROGRAM

/ Matting Agents - Powder/Compounds

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| DEUTERON MK, MK-F, MK-F6
PERGOPAK M3, M4 | - Micronized matting plastic, heat-resistant up to 200 °C, not soluble in organic solvents, light-resistant, weather resistant, easily incorporable into solvent based and water based systems. Available in four particle sizes. |
| DEUTERON PMH C, PMH M, PMH F | - Micronized matting plastic with compact particle structure. Heat-resistant up to 200 °C. Very low influence on the viscosity. Combination partner to improve the polishing and burnishing resistance of SiO ₂ . |
| DEUTERON MM 659 / MM 669 | - Suitable for UV-curable systems. |
| DEUTERON MM 680 / MM 682 | - Suitable for solvent based 2-pack PU top coats and coil coatings. |
| DEUTERON MM 684 | - Suitable for aqueous and solvent based DIY – lacquers. |
| DEUTERON MM 823 | - Micronized PTFE modified matting plastic. |

/ Matting Agents - Dispersions

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| DEUTERON MM 677 | - Aqueous dispersion, based on organic matting agents. |
| DEUTERON UV RM10, -RM15,
-RM17, -RM19 | - Dispersions in reactive thinners. Based on waxes in combination with organic and inorganic matting components. For 100 % UV-systems. |
| DEUTERON SO 100, SO 300, SO 500
SO 510 | - Dispersions of fine elastomer particles to formulate soft-feel coatings. Available in water, solvents and acrylic functional monomers |

/ Structuring and Texturing Agents

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| DEUTERON ST-L, ST, ST-S, ST-G, ST-M | - Thermoset structuring agents, available in five particle sizes. |
| DEUTERON ST50, ST100 | - Thermoplastic rough structuring agent – HDPE |
| DEUTERON ST125 | - Thermoplastic rough structuring agent – polyamide. |
| DEUTERON ST250 | - Thermoplastic very rough structuring agent – copolyester. |
| DEUTERON ST500 | - Thermoplastic extremely rough structuring agent – copolyester. |
| DEUTERON SO 302 | - Dispersion of coarse elastic particles for water based, textured soft feel-coatings. |

/ Surface Additives - Waxes

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| DEUTERON UV RMP | - Micronized wax-compound for strong matting of 100% UV-systems. Monomer free version of the DEUTERON UV RM dispersions utilizing the same matting mechanism. |
| DEUTERON AP 348 | - Coarse polyethylene wax to improve the surface properties in powder coatings. |
| DEUTERON OG 250 | - Aqueous silicone free additive for the improvement of surface smoothness. |
| DEUTERON OG 330 | - Aqueous PE/PTFE-wax dispersion. |
| DEUTEROL Paraffindispersion | - Aqueous silicone free additive for the improvement of surface smoothness. |
| DEUTERON UV RS20 | - High melting point PE-wax dispersion in DPGDA to improve surface slip, slightly matting. |
| DEUTERON WAX A | - Micronized polyamide wax. |
| DEUTERON WAX MPO | - Micronized polyolefine wax. |
| DEUTERON WAX PP / PP2 | - Micronized, high melting point polypropylene wax. |
| DEUTERON WAX TF | - Micronized PTFE-modified polyolefine wax. |

/ Conductivity Agents

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| DEUTERON LE 80 / LE 947 | - For electrostatic coating and printing inks. |
| DEUTERON LE 50 | - Lower labelled version of Deuteron LE 80. Higher amounts needed. |
| DEUTERON LE 100 LV | - Solvent-free. Flowable and easy to dose at room-temperature. |
| DEUTERON LE 50 UV | - Lower labelled version of LE 100 LV. Higher amounts needed. For radically UV systems. |
| DEUTERON LE 151 / 829 | - For polyurethane foams. Solution in monoethylene-glycol or 1,4-butandiol. |
| DEUTERON LE 512 | - For PU-foams and plastics, No solvent, no plasticizer. Melting point approx. 88 °C. |



/ Surface Additives

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| DEUTERON OG 861 / 8612 / 8614 | - In Shellsol A150 ND | } | Pasty, wax- and silicone-free, finest grinding of thermosetting polymers for improvement of smoothness and mechanical resistance in various solvents. Available in three particle size grades |
| DEUTERON OG 863 / 8632 / 8634 | - In Isopropylalcohol | | |
| DEUTERON OG 8670 / 8672 / 8674 | - In Water | | |
| DEUTERON OG 8803 / 8805 / 8807 | - In DPGDA | | |
| DEUTERON OG 8820 / 8822 / 8824 | - In TMPEOTA | | |
| DEUTERON SF 707 / SF 505 | - Thermoset additive to improve slip and scratch resistance. Suitable for all systems. Alternative to PTFE and PTFE modified waxes to improve scratch resistance and slip. | | |
| DEUTERON WS | - Silicone additive for the improvement of surface smoothness. | | |

/ UV-Initiators - Cationic Curing

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| DEUTERON UV 1240 | - Containing antimony, reactive thinner: propylene carbonate. | } | No benzene emission, low-odour |
| DEUTERON UV 1242 | - Containing antimony, reactive thinner: C12/C14 Glycidilether. | | |
| DEUTERON UV 1250 | - Containing antimony, reactive thinner: C12/C14 Glycidilether. | | |
| DEUTERON UV 2257 | - Reactive thinner: propylene carbonate. | | |
| DEUTERON UV 3100 | - Reactive thinner: C12/C14 Glycidilether. | | |

/ Thickening- and Thixotropy Agents for Aqueous Systems

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| DEUTERON VT 819 | - Xanthan Gum, acid-, alkaline- and heat-resistant - Very easy to incorporate. | } | Stirrer required. |
| DEUTERON XG | - Xanthan Gum, acid-, alkaline- and heat-resistant. | | |
| DEUTERON SR 28 | - Based on xanthagalactomannan. | | |
| DEUTERON VT 910 | - Xanthan Gum, delayed swelling due to Glyoxal treatment - Very easy to incorporate | | |
| DEUTERON VT 920 | - Xanthan Gum, granulated, easy to incorporate, food grade | | |
| DEUTERON VT 930 | - Xanthan Gum, granulated, clear, easy to incorporate, food grade | | |
| DEUTERON VT 855 | - Xanthan Gum, dispersed in ester of lactic acid | } | Stabilised, free flowing, Easy handling, fast swelling. |
| DEUTERON VT 856 | - Xanthan Gum, dispersed in 1-Ethoxy-2-propanol. | | |

/ Wetting and Dispersing Agents

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| DEUTERON ND 210 | - Suitable for solvent based systems, fatty acid amide in aliphatic hydrocarbons. |
| DEUTERON ND 953 | - Suitable for aqueous systems. Enables resin free preparations of inorganic pigments and fillers. |
| DEUTERON ND 960 HF | - Suitable for unsaturated polyester-systems. |
| DEUTEROL EMULGATOR BI | - Emulsifier for cationic bituminous emulsions. |

/ Air Release Agents and Defoamers

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| DEUTEROL 201 E | - Silicone- and acrylate-free, for aqueous systems. |
| DEUTERON ES 222 | - Suitable for unsaturated polyester-systems. |
| DEUTERON ES 224 | - Suitable for unsaturated polyester-systems. Low influence on viscosity. when used in thixotropic systems. |

This product information includes all DEUTERON-products currently available. Detailed information about the products can be taken from the individual leaflets, which can be downloaded from our website www.deuteron.com.