

PRODUCT LINE SUMMARY / DELIVERY PROGRAM

/ Matting Agents - Powder/Compounds

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| <p>DEUTERON MK, MK-F, MK-F6
PERGOPAK M3*), M4*)
) only in Europe</p> | <ul style="list-style-type: none"> - Micronized matting plastic, heat-resistant up to 200 °C, not soluble in organic solvents, light-resistant, weather resistant, easily incorporable into solvent-containing and aqueous systems. Available in four particle size grades. |
| <p>DEUTERON PMH-C</p> | <ul style="list-style-type: none"> - Micronized matting plastic, compact particle structure. Heat-resistant up to 200 °C. Very low influencing of the viscosity. Improvement also of the mechanical resistance in combination with SiO₂-products. |
| <p>DEUTERON MM 659 / MM 669
DEUTERON MM 680 / MM 682
DEUTERON MM 684
DEUTERON MM 823</p> | <ul style="list-style-type: none"> - For UV-curing systems. - For solvent containing 2-pack top coats and coil coatings. - For aqueous and solvent based DIY – lacquers. - PTFE modified micronized matting plastic. |

/ Matting Agents - Dispersions

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| <p>DEUTERON MM 677</p> | <ul style="list-style-type: none"> - Aqueous dispersion, based on organic matting agents. |
| <p>DEUTERON UV RM10, -RM15,
-RM17, -RM19</p> | <ul style="list-style-type: none"> - Dispersions in reactive thinners. Based on waxes in combination with organic and inorganic matting components. For 100 % UV-systems. |
| <p>DEUTERON SO 100, SO 300, SO 500</p> | <p>Dispersions of fine elastomer particles suitable for soft-feel coatings / soft-feel effects in water, solvents and reactive thinners.</p> |

/ Structuring and Texturing Agents

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| <p>DEUTERON ST-L, ST, ST-S, ST-G, ST-M</p> | <ul style="list-style-type: none"> - Duroplastic structuring agents for coatings, available in five particle size grades. |
| <p>DEUTERON ST50, ST100
DEUTERON ST125
DEUTERON ST250
DEUTERON ST500</p> | <ul style="list-style-type: none"> - Thermoplastic rough structuring agent – HDPE - Thermoplastic rough structuring agent – polyamide. - Thermoplastic very rough structuring agent – copolyester. - Thermoplastic extremely rough structuring agent – copolyester. |

/ Surface Additives - Waxes

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| <p>DEUTERON AP 348</p> | <ul style="list-style-type: none"> - Polyethylene wax. For influencing of surface features in powder coatings. |
| <p>DEUTERON OG 250
DEUTERON OG 330
DEUTEROL Paraffindispersion</p> | <ul style="list-style-type: none"> - Aqueous silicone free additive for the improvement of surface smoothness. - Aqueous PE/PTFE-wax dispersion. - For aqueous systems. |
| <p>DEUTERON UV RS20</p> | <ul style="list-style-type: none"> - High melting point PE-wax dispersion in DPGDA, slightly matting. |
| <p>DEUTERON WAX A
DEUTERON WAX MPO
DEUTERON WAX PP / PP2
DEUTERON WAX TF</p> | <ul style="list-style-type: none"> - Micronized polyamide wax. - Micronized polyolefine wax. - Micronized, high melting point polypropylene wax. - Micronized PTFE-modified polyolefine wax. |



/ Surface Additives

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| DEUTERON OG 861 / 8612 / 8614 | - In Shellsol A150 ND | } | Pasty, wax- and silicone-free, finest grinding of duroplastic 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 8650 / 8652 / 8654 | - In butylacetate | | |
| DEUTERON OG 8670 / 8672 / 8674 | - In water | | |
| DEUTERON OG 8803 / 8805 / 8807 | - In DPGDA | | |
| DEUTERON OG 8810 / 8812 / 8814 | - In GPTA | | |
| DEUTERON OG 8820 / 8822 / 8824 | - In TMPEOTA | | |
| DEUTERON SF 707 | - Duroplastic additive for haptical surface modification. All systems. | | |
| DEUTERON WS | - Silicone additive for the improvement of surface smoothness. | | |

/ Conductivity Agents

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| DEUTERON LE 80 / LE 947 | - For electrostatic coating and printing inks. |
| DEUTERON LE 100 LV | - Solvent-free. Flowable and easy to dose at room-temperature. |
| 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. 80 °C. |

/ 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 | } | Easy to incorporate. Stabilised, free flowing, |
| DEUTERON VT 855 | - Xanthan Gum, dispersed in ester of lactic acid | | |
| DEUTERON VT 856 | - Xanthan Gum, dispersed in 1-Ethoxy-2-propanol. | } | Easy handling, fast swelling. |
| DEUTERON SR 28 | - Based on xanthagalactomannan. | | |
| DEUTERON XG | - Xanthan Gum, acid-, alkaline- and heat-resistant. | | |
- } Stirrer required.

/ Wetting and Dispersing Agents

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| DEUTERON ND 210 | - For solvent based systems, fatty acid amide in aliphatic hydrocarbons. |
| DEUTERON ND 953 | - For aqueous systems high filled with inorganic pigments and fillers. |
| DEUTERON ND 960 HF | - 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- und acrylate-free, for aqueous systems. |
| DEUTERON ES 222 | - For unsaturated polyester-systems. |
| DEUTERON ES 224 | - 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.