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DEUTERON UV RM19

Silica free matting paste for radically curing UV systems

/ Chemical description

Dispersion of special waxes

/ Physical data

Appearance	white dispersion
Viscosity	approx. 13.000 mPa·s Brookfield LVDV-III Ultra Spindle SC4-25, 30 rpm
Density (20°C)	approx. 1,0 g/cm ³
Particle size (µm)	d50 < 6 d90 < 11
Active agent content	approx. 21,0 %



/ Properties

Deuteron UV RM19 leads to very resistant surfaces having very pleasant, silky-soft haptical properties. The pasty delivery form enables easy, powder-free handling.

Deuteron UV RM19 contains TMPEOTA, a more reactive base compared to our other UV RM-products.

/ Application

Radically curing 100 % UV-systems (solvent-free).

/ Dosage

The optimal dosage is dependent on the binders, photo initiators and reactive thinners used in the formulation. In some cases other additives influence the required dosage as well, which must therefore be determined by own trials using the total formulation. For initial experiments a dosage of approx. 10 % is recommended.

/ Processing

Deuteron UV RM19 should be incorporated into the coating system at the end using a stirrer. It can be added either pre-thinned or pure. In systems containing pigments it should be examined whether an addition before or after grinding leads to better results.

/ Storage conditions

Deuteron UV RM19 can be stored in tightly sealed containers for at least 6 months. The product must be stored under frost-free conditions. A storage temperature of 35 °C should not be exceeded otherwise the reactive thinner could be damaged.

It is recommended to stir the product before removing material, because under unfavourable conditions phase separation can occur.

/ Packaging size

Sheet steel hobbock (25 kg net)
Steel drum (210 kg net)

/ Safety information

According to Regulation (EC) No. 1272/2008 Deuteron UV RM19 is classified as a dangerous product and therefore needs to be labeled. For more information please consult the safety data sheet.

/ Deuteron: First-class products for the coatings industry

Deuteron GmbH has 30 years of experience in the production and sales of additives including: matting agents, conductivity agents and UV initiators. In the course of our company's 30-year history, we have become an important partner for the paint, lacquer and coatings industry – we operate nationally and internationally and are represented all over the globe. We serve you with

the dependability and close business relationship that only an owner-operated, medium-sized company can offer – and we also have the expertise of a global provider. Get in touch with us! We are happy to be of assistance and to help find individual solutions for your needs.



/ Visit us on the Internet

You can find detailed information on all our products at www.deuteron.com. Matting and texturing agents, surface additives, UV initiators and much, much more: We supply first-class

products and look back on more than 30 years of experience as an important partner for the coatings industry.

/ Matting Agents (Dispersions) form our Portfolio

Deuteron MM 677

Deuteron UV RM19

Deuteron UV RM10

Deuteron UV RM15

Deuteron UV RM17

This leaflet intends to give technical advice without warranty and does not claim to be complete.