

Product Information

Wet-End



Edition 2009

MAGNOPAL® DP – Specialty, dispersing polymer

Features	MAGNOPAL® DP is based on anionic polymers and is used for retanning.
Charge	Anionic
Lightfastness, Heat resistance & Fogging properties	Very good
Effect on the shade of dyeing	Minimal shade bleaching effect
Handling & storage	Wear goggles and gloves during handling. ALWAYS STIR BEFORE USE and close containers tightly afterwards. Can be stored for about 1 year (from date of production) if kept between 10°C and 35°C. In any case protect from frost and heat above 60°C.
Method of diluting	Miscible in water, in all proportions.
Environmental information	MAGNOPAL® DP is a solvent-free, water-based product, classified as non-hazardous according to EU guidelines.
Benefits	In recipes for waterproof shoe upper articles: MAGNOPAL® DP has a stabilizing action on the waterproofing system, protecting it from the effects of hard water, electrolytes and fluctuations in pH. As a consequence : <ul style="list-style-type: none"> • the waterproofing process is safer; • the waterproofing fatliquors, dyestuffs and retanning agents used in • the same bath are more quickly and evenly distributed; • waterproofing values are more consistent. In compact recipes for shoe upper and upholstery articles: MAGNOPAL® DP is a 'dispersing polymer' which is used to upgrade the quality of leather by : <ul style="list-style-type: none"> • significantly improving the penetration, levelness and distribution of co-applied retanning agents, fatliquors and dyestuffs.

Regarding toxicological and ecological data see the safety data sheet of above product.

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MAGNOPAL® DP – Specialty, dispersing polymer

In this regard MAGNOPAL® DP can be a valuable aid in compact recipes. In addition, it :

- improves grain tightness,
- reduces process times and,
- has a moderate filling effect and neutralising action

Application

Waterproofing recipes for shoe upper leather :

In the neutralisation step :

4.0 - 8.0% MAGNOPAL® DP

And,

In combination with the waterproofing fatliquor:

5.0 - 10.0% DRYWALK® WAS-1 1.0 - 2.0% MAGNOPAL® DP

Compact recipes for shoe upper & upholstery:

In the neutralization step, or in combination with polymeric, synthetic and / or vegetable retanning agents, fatliquors & dyes:

4.0 - 8.0% MAGNOPAL® DP

Trade form at 20°C

liquid

Appearance at 20°C

clear to yellow, slightly turbid liquid

Dry content (%)

approx. 39

pH (5%)

approx. 8.5

Safety

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