

AQUACER 8097

Emulsion based on a HD polyethylene wax for improving the surface properties of aqueous care products and polishes.

AQUACER 8097 is only available in North America.

Product data

Composition

Non-ionic emulsion based on an oxidized HD polyethylene wax

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

pH value (20 °C):	9
Non-volatile matter (60 min, 125 °C):	35 %
Carrier:	water
Melting point (wax content):	140 °C
Viscosity (25 °C, Brookfield DV-I):	< 150 mPa·s

Storage and transportation

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Stir before use.

Applications

Homecare and I&I

Special features and benefits

AQUACER 8097 improves the buffability and black heel mark resistance. The above-mentioned properties are generated by mixing AQUACER 8097 with polymers in a ratio of 3:1 (solid wax to solid polymer). A mixing ratio of 1:6 increases the water- and alcohol-resistance, the protection against heel marks (foot traffic resistance), and the dirt-repellent action. AQUACER 8097 is compatible with all known polymer dispersions and plasticizers.

Recommended use

AQUACER 8097 is recommended for polymer-rich self-shine emulsions and polishes. It is normally used at a 20/80 to 30/70 ratio in conjunction with AQUACER 8841, an ethylene acrylic acid emulsion, or at a 50/50 ratio with AQUACER 8940, a modified polypropylene emulsion.

Recommended levels

5–10 % additive (as supplied) based upon the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The wax additive is preferably added under agitation after mixing the polymers with the plasticizers and water, but before incorporating surface-active substances. Stir well before use.



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This issue replaces all previous versions.