

PRELIMINARY PRODUCT INFORMATION

TYPE

Ammonia neutralized oil-modified acrylic, ADH free, multi-domain dispersion

FORM OF DELIVERY (f.o.d.)

50 % in water (50WA)

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

Neutralization agent

0.8 % ammonia, as salt

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 200 - 1200
(100 1/s; 23 °C)

pH-Value DIN ISO 976
pH-value 8,0 - 8,6
(10 %)

Non-Volatile Matter DIN 55671
non-volatile matter [%] 48 - 52
(150 °C; 5 min)

Not continually determined:

Colour / Appearance VLN 250
colour colourless to beige
appearance opaque

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 1,05
approx. (20 °C)

Minimum Temperature of Film Formation DIN ISO 2115
minimum temp. of film form. [°C] 2
approx.

Flash Point (CCCFP) ASTM D 6450
flash point [°C] > 94

SPECIAL PROPERTIES AND USE

Resydrol SF 8000W/50WA is an aqueous oil-modified, multi-domain dispersion, for versatile use. Indoor Trim applications, multi adhesion coatings and anti-tannin bleed systems, are some of the examples.

Advantages:

- free of low molecular weight surfactants
- high gloss capability
- flexible
- fast drying and quick recoat time
- no need for metal-based driers
- excellent flow and leveling properties
- solvent feel type of application
- good adhesion properties on various substrates
- good chemical and abrasion resistance
- good blocking resistance
- low VOC formulations are possible
- easy to formulate

COMPATIBILITY

We recommend using the Resydrol SF 8000W/50WA as a sole binder in a wide variety of applications. Nevertheless, it has good compatibility with other anionic and non-ionic water based binders. It has limited compatibility with WB modified alkyds.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

It is important to protect Resydrol SF 8000w/50WA from freezing; at low temperatures it should be stored under "keep from freezing" conditions.

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.