

# VIALKYD<sup>®</sup> AN 661/60EAC

## PRELIMINARY PRODUCT INFORMATION

### TYPE

Hydroxy-functional polyester

### FORM OF DELIVERY (f.o.d.)

60 % in ethyl acetate (60EAC)

## 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.

### Average hydroxyl content (solid resin)

approx. 3.6 %

## RESIN COMPOSITION

(approx.)

40 % oil

## SPECIAL PROPERTIES AND USE

Vialkyd AN 661 is a branched hydroxyfunktional polyester suitable as crosslinker for aliphatic and aromatic polyisocyanates. The components react at room temperature.

Vialkyd AN 661 can be used for quickdrying, special 2 comp. PUR lacquers.

## TENTATIVE PRODUCT DATA

### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 100 - 200  
(100 1/s; 23 °C)

#### Iodine Colour Number DIN 6162

iodine colour number <= 10

#### Acid Value DIN EN ISO 2114

acid value [mg KOH/g] <= 10  
(solids)

#### Non-Volatile Matter DIN 55671

non-volatile matter [%] 58 - 62  
(120 °C; 5 min)

### Not continually determined:

#### Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 58 - 62  
(1 h; 125 °C; 1 g)

#### Hydroxyl Value DIN 53240

hydroxyl value [mg KOH/g] 110 - 130  
(solids; pot)

#### Density (Liquids) DIN EN ISO 2811-2

density [g/cm<sup>3</sup>] 1,06  
approx.  
(20 °C)

#### Flash Point DIN EN ISO 1523

flash point [°C] -4  
approx.

## DILUTABILITY

The solvents used with combinations of Vialkyd AN 661 and polyisocyanats should be absolutely free from hydroxyl groups and water.

The main diluents are propylen glycol ether acetates, like methoxypropyl acetate or esters like ethyl acetate, butyl acetate or ketones, like methyl ethyl ketone, methyl isobutyl ketone.

## COMPATIBILITY

Vialkyd VAN 661 is compatible with polyisocyanates e. g. Desmodur L, IL, HL, N (Bayer AG).

## STORAGE

At temperatures up to 30 °C storage stability packed in original containers amounts to at least 365 days.

## 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.