



# Product Data Sheet Urakyd™ CP3784 AD

**Medium oil alkyd resin based on mixed fatty acids**

## Applications

- Industrial wood coatings:  
- clear and pigmented, medium solid acid curing furniture lacquers  
- cellulose nitrate topcoats

## Principal properties

- reactivity
- through hardening
- flexibility
- solids content
- high build

## Dilutability

Xylene	complete
n-Butyl acetate	complete
Methyl ethyl ketone	complete
n-Butanol	insoluble
White spirit	insoluble

## Compatibility

Long oil alkyd resins	complete
Medium oil alkyd resins	complete
Rosin based esters	limited
Cellulose nitrate	limited
Cellulose acetate butyrate	limited
Linseed stand oil 30 dPa.s	incompatible

## Recommendations on formulation and use

Urakyd CP3784 AD is solved in n-butyl acetate and therefore suitable for aromatic free systems.

## Delivery form:

75 % in butyl acetate

## Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	40 - 60	dPa.s	2013
Color, Gardner	0 - 6	-	2017
Solids content	74 - 76	%	2025
Appearance	clear - hazy	-	2265
Acid value, on solid	8 - 12	mg KOH/g	2401

## Other product data

Property	Value	Unit	TM
Oil length	ca. 52	%	-
Type of fatty acid	mixed	-	-
Density, 23°C	ca. 1050	kg/m <sup>3</sup>	2160
Flash point	ca. 22	°C	2800

## Storage guidelines

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5° C and 30° C. Exposure to direct sunlight should be avoided.

## Shelf life

Under the stipulated storage conditions, the anticipated shelf-life is 365 days from last quality control date, as stated in the Certificate of Analysis.

## Material safety

A material safety data sheet of the products is available on request.

## Test methods

Test methods (TM) referred to in the tables are available on request.

