



Product Data Sheet Urakyd™ AD141 Q-50

Medium-oil alkyd resin based on linseed oil

Applications

- oxidative drying and forced drying primers
- industrial finishes

Principal properties

- compatibility
- hardness
- drying speed

Dilutability

White spirit	complete
Xylene	complete
Isoparaffinic solvent	limited
n-Butanol	insoluble

Compatibility

Long-oil alkyds	complete
Medium-oil alkyds	complete
Modified alkyds	limited
Linseed stand oil 30 dPa.s	limited
Rosin maleic resins	limited

Recommendations on formulation and use

Urakyd AD141 is suitable for application in primers and colored top coat paints. Because of the linseed nature, yellowing in light shades may be observed. In paint formulations the usual pigments and/or extenders may be used.

Starting formulations

Starting formulations available on request.

Test methods

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

Delivery form

50% in de-aromatised solvent D40

Product specifications

Property	Range	Unit	TM
Viscosity, Falling ball 23°C	33 - 56	dPa.s	2001
Color, Gardner	0 - 7	-	2017
Solids content	49 - 51	%	2025
Appearance	clear	-	2265
Acid value, on solid	5 - 10	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Oil length	ca. 53	%	-
Type of oil	linseed	-	-
Phthalic acid content	ca. 34	%	-
Density, 23°C	ca. 906	kg/m ³	2160
Flash point	ca. 40	°C	2800

Drier system

For proper drying characteristics it is recommended to use (weight% metal on solid resin):

Cobalt drier	0.03 - 0.04%
Calcium drier	0.1 - 0.2%
Zirco drier	0.3 - 0.5%

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.

