



Product Data Sheet Urakyd™ AD97

Long-oil alkyd resin based on linoleic rich fatty acids

Applications

- stains
- decorative application
- wood oils for garden furniture

Principal properties

- brushability
- outdoor durability
- penetration
- increase of solid content

Dilutability

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

Compatibility

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

Recommendations on formulation and use

In paint formulations the usual pigments and/or extenders may be used.

Starting formulations

Starting formulations are available on request.

Test methods

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

Delivery form

Liquid resin, 100% solids

Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	2 - 3	Pa.s	2013
Colour, Gardner	max. 7	-	2017
Appearance	clear	-	2265
Solids	99.00-100.00	%	2025
Acid value, on solid	6 - 13	mg KOH/g	2401

Remarks

TM 2013: cond. spindle Z3/100/23°C

Other product data

Property	Value	Unit	TM
Oil length	ca. 83	%	-
Type of fatty acids	linoleic rich	-	-
Phthalic acid content	ca. 8	%	-
Density, 23°C	ca. 1010	kg/m ³	2160
Flash point	ca. 100	°C	2800

Drier system

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

Cobalt drier	0.06 - 0.07%
Calcium drier	0.1 - 0.2%
Zirco drier	0.5 - 0.8%

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.

