



Product Data Sheet Urakyd™ AD49 Q-65

Long-oil alkyd resin based on linoleic rich fatty acids

Applications

Exterior decorative stains and enamels

Principal properties

- flexibility
- outdoor durability

Dilutability

White spirit	complete
Xylene	complete
Aliphatic solvents	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

Urakyd AD49 is specially recommended for stains and paints where a higher flexibility than normal is needed during weathering.

Starting formulations

Starting formulations available on request.

Test methods

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

Delivery form:

65% in de-aromatised hydrocarbon D40

Product specifications

Property	Range	Unit	TM
Viscosity	3.4 - 4.5	Pa.s	2013
Color, Gardner	0 - 7	-	2017
Solids content	64 - 66	%	2025
Appearance	clear	-	2265
Acid value, on solid	5 - 10	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Oil length	ca. 60	%	-
Type of oil/fatty acid	mixed	-	-
Phthalic acid content	ca. 16	%	-
Density, 25°C	ca. 930	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	0.05 - 0.06%
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.

