



# Product Data Sheet Urakyd™ ECO97

**Low Carbon Footprint**  
100% solids long-oil alkyd

### Applications

- stains
- decorative application
- wood oils for garden furniture

### Principal properties

- low Carbon Footprint
- brushability
- outdoor durability
- penetration
- increase of solid content

### Dilutability

De-aromatized White spirit            complete  
Isoparaffinic solvent                    complete

### Compatibility

Long-oil alkyds                            complete

### Carbon Footprint

	Urakyd AD97	Urakyd ECO97
Raw materials	3.73	1.80
Energy and utilities	0.29	0.29
Solvent	0.00	0.00
Transport	0.14	0.15
Total	4.16	2.24
Reduction w/ CFP		46%

### Formulation guidelines

Please download our brochure at [www.synres.com](http://www.synres.com):  
“Synres low Carbon Footprint Alkyds for Decorative Coatings”

### Delivery form

Liquid resin, 100% solids

### Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	2 - 3	Pa.s	2013
Color, Gardner	max. 7	-	2017
Appearance	clear	-	2265
Acid value, on solid	max.12	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	-	-
Density, 23°C	ca. 1010	kg/m <sup>3</sup>	2160
Flash point	ca. 100	°C	2800
Carbon Footprint	2.24	GWP (kg CO2 eq/ kg alkyd resin)	

### 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.

### 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.

