



# Product Data Sheet Urakyd™ ECO44 Q-70

## Low Carbon Footprint Long-oil alkyd resin

### Applications

- interior and exterior decorative enamels
- primers and undercoats
- wood and steel substrates
- multi purpose

### Principal properties

- low Carbon Footprint
- yellowing resistance

### Dilutability

De-aromatized white spirit            complete  
Isoparaffinic solvent                    complete

### Compatibility

Long-oil alkyds                            complete

### Carbon Footprint

	Urakyd AD44 Q-70	Urakyd ECO44 Q-70
Raw materials	3.39	1.35
Energy and utilities	0.27	0.27
Solvent	0.26	0.26
Transport	0.08	0.11
Total	4.00	1.99
Reduction w/ CFP		50%

### Formulation guidelines

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

### Delivery form:

70% in de-aromatized hydrocarbon D40

### Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	50 - 68	dPa.s	2001
Color, Gardner	0 - 6	-	2017
Solids content	69 - 71	%	2025
Appearance	clear	-	2265
Acid value, on solid	7 - 12	mg KOH/g	2401

### Other product data

Property	Value	Unit	TM
Oil length	ca. 63	%	-
Type of fatty acids	Linoleic rich	-	-
Density, 23°C	ca. 970	kg/m <sup>3</sup>	2160
Flash point	ca. 36	°C	2800
Carbon Footprint	1.99	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.

