

Product data

Uralac AD45 W-70

Long-oil alkyd resin based on soya-bean oil

Applications

- Interior and exterior decorative enamels
- Primers and undercoats
- Wood and steel substrates
- Multi purpose

Principal properties

- Yellowing resistance

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

Pigments:

This resin is compatible with the usual pigments and extenders. Reactive pigments such as zinc oxide may be used.

Starting formulations

Starting formulations available on request.

Delivery form

70% in white spirit

Product specifications

Property	Range	Unit	TM
Viscosity, Falling ball 23°C	95 - 125	dPa.s	2001
Colour, Gardner	0 - 6	-	2017
Solids content	69 - 71	%	2025
Appearance	clear	-	2265
Acid value, on solid	5 - 10	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Oil length	appr. 63	%	-
Type of oil	soya-bean	-	-
Phthalic acid content	appr. 26	%	-
Density, 23°C	appr. 965	kg/m ³	2160
Flash point	appr. 36	°C	2800

Drier system

For optimal 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 above mentioned storage conditions the shelf life of the resin will be 9 months ex works.

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.



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