



Product Data Sheet Uracron™ FH36 75BAC

Hydroxy acrylic resin for high solid coatings

Applications

Industrial topcoats:

- machine lacquers (ACE)
- protective topcoats
- industrial finishes

Automotive:

- high solid VOC compliant clearcoats (<420 g/l)
- solid color topcoats

Principal properties

- solids content
- high gloss
- fast drying
- fast hardness development
- weathering resistance
- chemical resistance

Dilutability

n-Butyl acetate	complete
1-Methoxy 2-propyl acetate	complete
Ethyl acetate	complete
Butyl glycol acetate	complete
Ethyl ethoxy propionate	complete

Methyl ethyl ketone	complete
Methyl amyl ketone	complete

Xylene	complete
Solvesso 100 ¹⁾	limited

Compatibility

Uracron CY430, CY474, CY499, CY433, CY468, CY841	complete
Urakyd SY882	complete
Urakyd SY876	limited
Polyisocyanate (aliphatic, aromatic, cycloaliphatic)	complete

¹⁾ Exxon Chemicals

Delivery form:

75% solids in butyl acetate

Product specifications

Property	Range	Unit	TM
Viscosity, 23 °C	6.0 - 11.0	Pa.s	2013
Colour, APHA	max. 50	-	2017
Solids content	74 - 76	%	2038
Appearance	clear	-	2265
Acid value, on solid	6 - 10	mg KOH/g	2401

Other product data

Property	Range	Unit	TM
Density, 23 °C	ca. 1040	kg/m ³	2160
Flash point	ca. 26	°C	2800
Hydroxyl content, on solid	ca. 3.6	%	2432

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 730 days from last quality control date, as stated in the Certificate of Analysis.

Material safety

A material safety data sheet of the product is available on request.

Starting formulations

Starting formulations are available on request.

