



Preliminary Product Data Sheet Uracron™ CY842 E-75

High solid hydroxy acrylic resin for early polishable fast drying coatings

Applications

Automotive:

- two component
- high solid VOC compliant clearcoats (<420 g/l)
- forced drying (ca. 15' @60°C)
- ambient drying (ca. 2h @23°C)

Principal properties

- solids content
- fast drying
- quickly polishable
 - * forced drying (ca. 15' @60°C)
 - * ambient drying (ca. 2h @23°C)
- 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

Polyisocyanate (aliphatic, aromatic, cycloaliphatic)	complete
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¹⁾ Exxon Chemicals

Delivery form:

75% solids in Butyl acetate

Preliminary specifications

Property	Range	Unit	TM
Viscosity, 23°C	6 - 11	Pa.s	2013
Colour, APHA	< 50	-	2017
Solids content	74 - 76	%	2038
Appearance	Clear	-	2265
Acid value, on solid	0 - 10	mg KOH/g	2401

Other product data (preliminary)

Property	Range	Unit	TM
Density, 23°C	ca. 1050	kg/m ³	2160
Flash point	ca. 23	°C	2800
Hydroxyl content	ca. 4.2	%	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 360 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.

