



Product Data Sheet Uracron™ CY133 E-70

High solid hydroxy acrylic resin

Applications

Two component topcoats for industrial coatings.

Principal properties

- high solid content
- gloss level
- broad compatibility with other resin types * (most solvent borne acrylics, polyesters, CAB and NC types, compatible with most short oil and medium oil alkyds)
- high durability
- good mechanical properties

Dilutability

Xylene	complete
Solvesso 100 ¹⁾	limited
Solvesso 150 ¹⁾	limited
n-Butyl acetate	complete
1-Methoxy 2-propyl acetate	complete
Methyl ethyl ketone	complete

Compatibility

Aliphatic and aromatic isocyanates	Complete
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¹⁾ Exxon Chemicals

*) Compatibility character of the resin is very good; we recommend testing proposed combinations.

Delivery form:

70 % solids in butyl acetate

Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	6 - 9	Pa.s	2013
Color, APHA	0 - 100	-	2017
Solids content	69 - 71	%	2038
Appearance	clear	-	2265
Acid value, on solid	16.5 - 21.5	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Density, 23°C	ca. 1042	kg/m ³	2160
Flash point	ca. 27	°C	2800
Hydroxyl content, on solid	ca. 3.3	%	2432

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.

Test methods

Test methods (TM) referred to in the tables are available on request.

