



Product Data Sheet Uracron™ CY430 E-70

High solid hydroxyl acrylic resin

Applications

Two component primers and topcoats for transportation coatings (trucks, buses, containers etc.), machinery and other high quality protective and maintenance coatings.

Principal properties

- solid content
- gloss level
- adhesion
- compatibility
- drying speed

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

Uracron CY468, CY433	complete
Uracron CY450, CY499	complete
Uracron CY474 E	complete
Cellulose nitrate, ½ sec.	almost complete
Cellulose acetate butyrate	incompatible
Aliphatic and aromatic isocyanates	complete

¹⁾ Exxon Chemicals

Delivery form:

70 % solids in butyl acetate

Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	4 - 6	Pa.s	2013
Color, APHA	0 - 150	-	2017
Solids content	69 - 71	%	2022
Appearance	clear	-	2265
Acid value, on solid	6 - 10	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Density, 23°C	ca. 1035	kg/m ³	2160
Flash point	ca. 28	°C	2800
Hydroxyl content, on solid	ca. 3.0	%	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.

Starting formulation

Starting formulation available on request.

