



# Product Data Sheet Uracron™ CY467 E-50

## Hydroxy acrylic resin for 2-component NCO-curing systems

### Applications

- clear and pigmented primers and topcoats for Industrial wood coatings
- clear and pigmented coatings for Industrial interior and exterior plastic coatings

### Principal properties

- broad compatibility
- reactivity
- hardness
- flexibility
- yellowing resistance
- pigment wetting

### Dilutability

- Xylene complete
- n-Butyl acetate complete
- 1-Methoxy 2-propyl acetate complete
- Methyl ethyl ketone complete
- Methyl isobutyl ketone complete
- n-Butanol complete

### Compatibility

- Hydroxy acrylic resins complete
- Cellulose nitrate ½ sec complete
- Cellulose acetate butyrate complete
- Aliphatic polyisocyanate complete
- Aromatic polyisocyanate complete

### Recommendations on formulation and use

- Uracron CY467 E-50 is solved in n-butyl acetate and therefore suitable for aromatic free systems.
- Uracron CY467 has a broad compatibility with co-binders and is therefore suitable for many purposes.
- Uracron CY467 has a good balance between hardness and flexibility.

For the formulation of an absolute non-yellowing system the use of cellulose acetate butyrate and crosslinking via aliphatic isocyanate is recommended.

### Delivery form:

50 % solids in n-butyl acetate

### Product specifications

Property	Range	Unit	TM
Viscosity, 23 °C	5 - 8	Pa.s	2013
Color, APHA	0 - 150	-	2017
Solids content	49 - 51	%	2022
Appearance	clear	-	2265
Acid value, on solid	6 - 12	mg KOH/g	2401

### Other product data

Property	Value	Unit	TM
Density, 23 °C	ca.1000	kg/m <sup>3</sup>	2160
Flash point	ca.25	°C	2800
Hydroxyl content, on solid	ca. 1.8	%	2432

### Test methods

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

### Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5 - 30 °C. Exposure to direct sunlight should be avoided.

### Shelf life

Under above mentioned storage conditions, the shelf life of the resin will be 730 days ex work.

### Material safety

A Material Safety Data Sheet for this product is available on request.

### Starting formulations

Starting formulations are available on request.

