



# Product Data Sheet

## Uralac 7106 X-65

Hydroxy acrylic resin for 2-component NCO-curing systems

### Applications

- Two component car repair top coats
- Machine lacquers
- Protective top coats

### Principal properties

- Good film building
- High gloss
- Fast dry
- Good mechanical property

### Dilutability

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

### Compatibility

Cellulose nitrate ½ sec	almost
complete	
Cellulose acetate butyrate	incompatible
Aliphatic polyisocyanates	complete
Aromatic polyisocyanates	complete
Uracron CY430 E, 7105 X-60	complete
Uracron CY499 E, CY474 E-57	complete

Recommendations on formulation and use  
Uralac 7106 X-65 has a high solid content with good reactivity, drying properties and chemical resistance. Due to its OH content of 3.6% it shows excellent film building and high gloss. It is suggested to use catalysts such as: DBTL (Dibutyltindilaurate) 0.002-0.02% on total binder. Zinc drier 0.1-0.3% on total binder. When dispersing organic or inorganic pigments, it is recommended to use a pigment wetting agent. In clear coats it is recommended to add, 1% on total binder of a UV absorber and a HALS (Hindered Amine Light Stabilizer). The addition of small quantities of silicon oil improves flow and mar resistance.

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### Delivery form

65% in xylene/n-butyl acetate

### Specification

Property	Range	Unit	TM
Viscosity, 23°C	4.2-6.5	Pa.S	2011
Colour, APHA	0-100	-	2017
Solids content	65±2	%	2025
Appearance	clear	-	2265
Acid value, on solid	6-15	mgKOH/g	2401

### Other product data

Property	Value	Unit	TM
Density, 23°C	Appr. 1.03	Kg/m <sup>3</sup>	2160
Flash point	Appr. 25	°C	2800
Hydroxyl content	Appr. 3.6	%	2432

### Storage condition

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 condition, the shelf life of the resin will be 12 month ex work.

### Material safety

Material safety data sheet is available on request.

### Test method

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

### Starting formulations

Starting formulations are available on request.