



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 (Dibutyltin dilaurate) 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/m³	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.