

Technical Data Sheet

03 August 2014

Hydroxy Acrylic (Acrylic Polyol) in Mixed Solvents

KUCRYL OHA 300S/60

Kucryl OHA 300S/60 is a hydroxy acrylic copolymer in Xylene/Methoxy Propyl Acetate that has been specifically designed for use, in combination with a suitable aliphatic polyisocyanate, in high quality two component coatings where a combination of good gloss, light-fastness, hardness and chemical resistance are required.

Physical Characteristics

<u>Parameter</u>	<u>Units</u>	<u>Limits</u>	<u>Parameter</u>	<u>Units</u>	<u>Limits</u>
Non-Volatile Content	%	60 ± 2	Clarity	Nil	Clear
Viscosity (25°C)	Gardner	Y – Z ₁	Colour	APHA	< 150
Viscosity (25°C) *	Poise	25 - 40	Specific Gravity (25°C) *	Nil	± 1.02
Acid Value (on solids)	mg KOH/g	10 Max			

Hydroxyl Content *

	<u>Hydroxyl Content</u>	<u>Hydroxyl Number</u>	<u>Hydroxyl Equivalent Mass</u>
On Solids	3.0%	100	560g
On Solution	1.8%	60	950g

Solubility Characteristics *

<u>Solvent</u>	<u>Solubility</u>	<u>Solvent</u>	<u>Solubility</u>
Aromatics	Soluble	Esters	Soluble
Ketones	Soluble	White Spirits	Limited

Properties marked with an * are provided for information purposes only and do not form part of the product specification.

Kucryl OHA 300S/60 has limited compatibility with film formers other than polyisocyanates.

Areas of Use

Kucryl OHA 300S/60 is recommended as a component in the formulation of the following products:

- Automotive Finishes
- General industrial finishes

Application Methods

Kucryl OHA 300S/60 is of use in the formulation of coatings applied by spray or roller.

Variants

Kucryl OHA 300S/60 currently has no variants.

Packaging

Kucryl OHA 300S/60 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 300S/60 is stable for a period of 12 months when stored in its' original container out of direct sunlight at temperatures not exceeding 25°C. This product contains xylene and methoxy propyl acetate and, as such, requires special care in handling. Please refer to the MSDS and any local statutory requirements

No warranty or guarantee, express or implied, is made regarding the performance or suitability in any product as the finished product formulation and/or manner of use are beyond our control.

KCMC are committed to improving all aspects of our product range through continued research and development. As such product composition and/or specifications may change without notice.