

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 <sub>1</sub>	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>
<b>On Solids</b>	3.0%	100	560g
<b>On Solution</b>	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.**