

Technical Data Sheet

09 March 2016

*Hydroxy Acrylic (Acrylic Polyol) in Xylene/Butyl Acetate*

**KUCRYL OHA 180S/60**

**Kucryl OHA 180S/60** is a hydroxy acrylic copolymer in 3:1 Xylene: Butyl Acetate that has been specifically designed for use, in combination with a suitable aliphatic polyisocyanate, in general industrial two component coatings where excellent light-fastness, hardness and durability 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	Z <sub>2</sub> – Z <sub>4</sub>	Colour	Gardner	< 1
Viscosity (25°C) *	Poise	40 - 60	Specific Gravity (25°C) *	Nil	± 1.00
Acid Value (on solids)	mg KOH/g	4 - 8			

**Hydroxyl Content \***

Hydroxy Content	On Solids :	1.8 %	As supplied :	1.1 %
Hydroxyl Equivalent Mass	On Solids :	930 g	As supplied :	1550 g

**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 180S/60** has been designed to exhibit excellent CAB and polyisocyanate compatibility. Compatibility with other film formers is, however, limited.

**Areas of Use**

**Kucryl OHA 180S/60** is recommended as a component in the formulation of the following products:

- **General industrial finishes with excellent durability**
- **Coatings for Plastics**

**Application Methods**

**Kucryl OHA 180S/60** is designed for use in the formulation of spray applied coatings.

**Variants**

**Kucryl OHA 180S/60** currently has no variants.

**Packaging**

**Kucryl OHA 180S/60** is packaged in 190Kg net new mild steel tight head drums.

**Storage Stability and Safety**

**Kucryl OHA 180S/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, 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.**