

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 ₂ – Z ₄	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.