

Technical Data Sheet

13 November 2012

Hydroxy Acrylic (Acrylic Polyol) in Xylene

KUCRYL OHA 18X/60

Kucryl OHA 18X/60 is a hydroxy acrylic copolymer in Xylene that has been specifically designed for use, in combination with suitable aliphatic or aromatic polyisocyanates, in the formulation of general industrial two component coatings where rapid drying and hardness are required.

Kucryl OHA 18X/60 is not recommended where good exterior durability and light fastness are a prerequisite.

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 - 80	Specific Gravity (25°C) *	Nil	± 0.99
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.

Areas of Use

Kucryl OHA 18X/60 is recommended as a component in the formulation of the following products:

- **Automotive primers**
- **General industrial finishes for interior use**

Application Methods

Kucryl OHA 18X/60 is designed for use in the formulation of spray applied coatings.

Variants

Kucryl OHA 18X/60 currently has no variants.

Packaging

Kucryl OHA 18X/60 is packaged in 190Kg net new mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 18X/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.