

Technical Data Sheet

30<sup>th</sup> September, 2014

Hydroxy Acrylic (Acrylic Polyol) in Solvent Naphtha 100

KUCRYL OHA 125SN/60

Kucryl OHA 125SN/60 is a hydroxy acrylic copolymer in Solvent Naphtha 100 that has been specifically designed for use, in combination with a suitable aliphatic polyisocyanate, in general industrial, two component coatings where good light-fastness, hardness and durability are required.

<u>Physical Characteristics</u>					
<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>3</sub>	Colour	APHA	30 max
Viscosity (25°C) *	Poise	40 – 50	Specific Gravity (25°C) *	Nil	± 1.02
Acid Value (on solids)	mg KOH/g	4 – 8			
<u>Hydroxyl Content *</u>					
	<u>Hydroxy Content (%)</u>	<u>Hydroxyl Number (mg KOH/g)</u>	<u>Hydroxyl Equivalent Mass (g)</u>		
On Solids	1.25	41	1,360		
As Supplied	0.75	25	2,280		
<u>Solubility Characteristics *</u>					
<u>Solvent</u>	<u>Solubility</u>	<u>Solvent</u>	<u>Solubility</u>		
Aromatics	Soluble	Esters	Soluble		
Ketones	Soluble	Aliphatics	Insoluble		

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

Kucryl OHA 125SN/60 has limited compatibility with other film formers other than polyisocyanates.

Areas of Use

Kucryl OHA 125SN/60 is recommended as a component in the formulation of the following two component products:

- **General industrial Primers and Enamels**

Application Methods

Kucryl OHA 125SN/60 is of use in the formulation of coatings applied by spray or roller.

Variants

Kucryl OHA 125SN/60 does not currently have any variants.

Packaging

Kucryl OHA 125SN/60 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 125SN/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 Solvent Naphtha 100 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.**