

Technical Data Sheet

30th 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 ₂ – Z ₃	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.