

Preliminary Technical Data Sheet

14 June 2009

Hydroxy Acrylic (Acrylic Polyol) in Solvent Naphtha

KUCRYL OHA 30SN/70

Kucryl OHA 30SN/70 is a 3% hydroxy acrylic copolymer in Solvent Naphtha 100 that has been specifically designed for use, in combination with a suitable aliphatic polyisocyanate, in high solids two component coatings for heavy duty applications where excellent durability is required.

Physical Characteristics

<u>Parameter</u>	<u>Units</u>	<u>Limits</u>	<u>Parameter</u>	<u>Units</u>	<u>Limits</u>
Non-Volatile Content	%	70 ± 2	Clarity	Nil	Clear
Viscosity (25°C)	Gardner	Z ₃ – Z ₅	Colour	APHA	< 250
Viscosity (25°C) *	Poise	40 - 80	Specific Gravity (25°C) *	Nil	± 1.03
Acid Value (on solids)	mg KOH/g	4 - 8			

Hydroxyl Content *

Hydroxy Content	On Solids : 3.0 %	As supplied : 2.2 %
Hydroxyl Equivalent Mass	On Solids : 550 g	As supplied : 785 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 30SN/70 has limited compatibility with other film formers other than polyisocyanates.

Areas of Use

Kucryl OHA 30SN/70 is recommended as a component in the formulation of the following products:

- **Marine Coatings**
- **Other Heavy Duty Industrial Coatings.**

Application Methods

Kucryl OHA 30SN/70 is of use in the formulation of coatings applied by spray or roller.

Variants

Kucryl OHA 30SN/70 has no variants at this time.

Packaging

Kucryl OHA 30SN/70 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 30SN/70 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 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.