

Technical Data Sheet

14 May 2014

Hydroxy Acrylic (Acrylic Polyol) in Xylene Solvent

KUCRYL OHA 270X/60

Kucryl OHA 270X/60 is a hydroxy acrylic copolymer in Xylene that has been specifically designed for use, in combination with suitable aliphatic polyisocyanates, in general industrial two component coatings where good 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	Y – Z ₁	Colour	APHA	< 70
Viscosity (25°C) *	Poise	25 - 35	Specific Gravity (25°C) *	Nil	± 1.00
Acid Value (on solids)	mg KOH/g	4 - 8			

Hydroxyl Content *

	<u>Hydroxyl Content</u>	<u>Hydroxyl Number</u>	<u>Hydroxyl Equivalent Mass</u>
On Solids	2.7%	89 mg KOH/g	630 g
As Supplied	1.6%	53 mg KOH/g	1050 g

Solubility Characteristics *

<u>Solvent</u>	<u>Solubility</u>	<u>Solvent</u>	<u>Solubility</u>
Aromatics	Soluble	Esters	Soluble
Ketones	Soluble		

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

Kucryl OHA 270X/60 has limited compatibility with other film formers other than polyisocyanates.

Areas of Use

Kucryl OHA 270X/60 is recommended as a component in the formulation of the following products:

- **General industrial finishes**
- **Commercial transportation coatings**
- **Pigmented or non-pigmented sealers for architectural finishing**

Application Methods

Kucryl OHA 270X/60 is of use in the formulation of coatings applied by brush, spray or roller.

Variants

Kucryl OHA 270X/60 currently has no variants.

Packaging

Kucryl OHA 270X/60 is packaged in 190Kg net new mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 270X/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

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