

Technical Data Sheet

19 May 2014

Hydroxy Acrylic (Acrylic Polyol) in Mixed Solvent

KUCRYL OHA 110S/60

Kucryl OHA 110S/60 is a hydroxy acrylic copolymer in Xylene/Butyl Acetate that has been specifically designed for use, in combination with suitable aliphatic polyisocyanates, in industrial two component wood finishes where CAB (cellulose acetate butyrate) compatibility, excellent light-fastness, hardness and durability are required. This product has been further designed to allow an extended polishing time prior to full hardening.

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 ₄ – Z ₆	Colour	APHA	< 70
Viscosity (25°C) *	Poise	80 - 150	Specific Gravity (25°C) *	Nil	± 1.00
Acid Value (on solids)	mg KOH/g	2 - 8			

Hydroxyl Content *

Hydroxy Content	On Solids: 1.1 %	As Supplied: 0.7 %
Hydroxyl Number	On Solids: 36 mg KOH/g	As Supplied: 22 mg KOH/g
Hydroxyl Equivalent Mass	On Solids: 1,500 g	As Supplied: 2500 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 110S/60 has limited compatibility with film formers other than polyisocyanates and CAB.

Areas of Use

Kucryl OHA 110S/60 is recommended as a component in the formulation of premium quality clear or pigmented wooden furniture coatings.

Application Methods

Kucryl OHA 110S/60 is of use in the formulation of spray applied coatings.

Variants

Kucryl OHA 110S/60 currently has no variants.

Packaging

Kucryl OHA 110S/60 is packaged in 190Kg net new mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 110S/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 Butyl Acetate 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.