

Technical Data Sheet

18 October 2010

Hydroxy Acrylic (Acrylic Polyol) in Mixed Solvents

KUCRYL OHA 11S/60

Kucryl OHA 11S/60 is a hydroxy acrylic copolymer in Xylene/MPA that has been specifically designed for use, in combination with suitable aliphatic polyisocyanates, in economical general industrial two component wood 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	Z ₄ – Z ₆	Colour	APHA	< 250
Viscosity (25°C) *	Poise	80 - 150	Specific Gravity (25°C) *	Nil	± 0.99
Acid Value (on solids)	mg KOH/g	4 - 8			

Hydroxyl Content *

Hydroxy Content	On Solids :	1.1 %	As supplied :	0.7 %
Hydroxyl Equivalent Mass	On Solids :	1480 g	As supplied :	2460 g

Solubility Characteristics *

<u>Solvent</u>	<u>Solubility</u>	<u>Solvent</u>	<u>Solubility</u>
Aromatics	Soluble	Esters	Soluble
Ketones	Soluble	White Spirits	Limited

Note that solvents containing labile hydrogens, such as alcohols and amines, cannot be used in 2 pack polyurethane coatings.

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

Kucryl OHA 11S/60 has limited compatibility with other film formers other than polyisocyanates.

Areas of Use

Kucryl OHA 11S/60 is recommended as a component in the formulation of clear and pigmented 2 pack polyurethane wood finishes

Application Methods

Kucryl OHA 11S/60 is of use in the formulation of spray or curtain applied coatings.

Variants

Kucryl OHA 11S/60 currently has no variants.

Packaging

Kucryl OHA 11S/60 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 11S/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 methoxy propyl 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.