

Technical Data Sheet

23 August 2010

Hydroxy Acrylic (Acrylic Polyol) – Preliminary Specification Sheet

KUCRYL OHA 10S/50

Kucryl OHA 10S/50 is a hydroxy acrylic copolymer supplied in mixed solvents that has been specifically designed for use, in combination with suitable aliphatic or aromatic polyisocyanates, in general industrial two component wood coatings where good gloss, 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	%	50 ± 2	Clarity	Nil	Clear
Viscosity (25°C)	Gardner	Z ₃ – Z ₅	Colour	APHA	< 100
Viscosity (25°C) *	Poise	40 - 80	Specific Gravity (25°C) *	Nil	± 1.00
Acid Value (on solids)	mg KOH/g	4 - 8			

Solvent Composition: A blend of Xylene, Solvent Naphtha 100 and Methoxypropyl Acetate

Hydroxyl Content *

Hydroxy Content	On Solids : 1.0 %	As supplied : 0.5 %
Hydroxyl Equivalent Mass	On Solids : 1650 g	As supplied : 3300 g

Solubility Characteristics *

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

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

Kucryl OHA 10S/50 compatibility with other film formers other than polyisocyanates should be carefully evaluated before use.

Areas of Use

Kucryl OHA 10S/50 is recommended as a component in the formulation of general industrial wood finishes for furniture and flooring.

Application Methods

Kucryl OHA 10S/50 is designed for use in spray applied coatings.

Variants

Kucryl OHA 10S/50 currently has no variants.

Packaging

Kucryl OHA 10S/50 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety

Kucryl OHA 10S/50 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 solvents 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.