

Preliminary Technical Data Sheet

07 September 2009

Hydroxy Acrylic (Acrylic Polyol) in Mixed Solvents - Preliminary

KUDEC OHA 9S/55

Kudec OHA 9S/55 is a 0.9% hydroxy acrylic copolymer in 4:1 Solvent Naphtha 150:PMA (MPA) that has been specifically designed for use in the formulation of white basecoats for metal decorating applications in conjunction with a suitable amino resin.

Physical Characteristics

<u>Parameter</u>	<u>Units</u>	<u>Limits</u>	<u>Parameter</u>	<u>Units</u>	<u>Limits</u>
Non-Volatile Content	%	55 ± 2	Clarity	Nil	Clear
Viscosity (25°C)	Gardner	Y – Z	Colour	APHA	< 250
Viscosity (25°C) *	Poise	16 - 26	Specific Gravity (25°C) *	Nil	± 1.01
Acid Value (on solids)	mg KOH/g	12 - 17			

Hydroxyl Content *

Hydroxy Content	On Solids : 0.9 %	As supplied : 0.5 %
Hydroxyl Number	On Solids : 30	As supplied : 17

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.

Kudec OHA 9S/55 is compatible with selected amino resins and polyisocyanates.

Areas of Use

Kudec OHA 9S/55 is recommended as a component in the formulation of white basecoats for metal decorating.

Application Methods

Kudec OHA 9S/55 is of use in the formulation of coatings applied by spray or roller.

Variants

Kudec OHA 9S/55 has no variants at this time.

Packaging

Kudec OHA 9S/55 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety

Kudec OHA 9S/55 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 PMA (MPA), 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.