Preliminary Technical Data Sheet **14 January 2014**

Hydroxy Acrylic (Acrylic Polyol) in Mixed Solvents ***KUCRYL OHA 450S/60***

Kucryl OHA 450S/60 is a 4.5% hydroxy acrylic copolymer supplied at 60% solids in mixed solvents. Kucryl OHA 450S/60 has been specifically designed for use in two component automotive coatings in combination with a suitable aliphatic polyisocyanate. Coatings based on Kucryl OHA 450S/60 exhibit excellent flow and gloss direct from the gun combined with very good exterior durability.

Physical Characteristics

Parameter	Units	Limits	Parameter	Units	Limits
Non-Volatile Content	%	60 ± 2	Clarity	Nil	Clear
Viscosity (25°C)	Gardner	$Y - Z_1$	Colour	APHA	< 150
Viscosity (25°C) *	Poise	25 - 40	Specific Gravity (25°C) *	Nil	± 1.01
Acid Value (on solids)	mg KOH/g	4 - 10			

Hydroxyl Content *

Hydroxy Content	On Solids :	4.5 %	As supplied :	2.7 %

Solubility Characteristics *

Solvent	Solubility	Solvent	Solubility
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 45S/60 has limited compatibility with other film formers other than polyisocyanates.

Areas of Use
is recommended as a component in the formulation of spray applied coatings for:

- **Automotive Clear Coats and Solid Colours**
- **Industrial Coatings**

Kucryl OHA 450S/60 may be used as the sole binder or in admixture with **Kucryl OHA 450BA/70**.

Variants
Kucryl OHA 450S/60 has no variants at this time.

Packaging
Kucryl OHA 450S/60 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety
Kucryl OHA 450S/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, Solvent Naphtha 100 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.