

Technical Data Sheet

25 January 2012

*Thermoplastic Acrylic in Xylene*

*KUCRYL TPA 64X/55*

**Kucryl TPA 64X/55** is a pure acrylic (styrene free) thermoplastic resin in mixed xylenes which has been specifically designed for use in quick drying exterior coatings requiring excellent yellowing and chemical resistance, gloss retention, toughness and durability whilst providing good water and salt spray resistance.

Physical Characteristics			Solubility Characteristics *	
Parameter	Units	Limits	Solvent	Solubility
Non-Volatile Content	%	55 ± 2	White Spirits	Limited
Viscosity (25°C)	Gardner	± Z <sub>6</sub>	Aromatics	Soluble
Viscosity (25°C) *	Poise	100 - 250	Ketones	Soluble
Acid Value (on solids)	mg KOH/g	4 - 8	Esters	Soluble
Colour	Gardner	< 1	Alkanes	Limited
Clarity	Nil	Clear	Alcohols	Limited
Specific Gravity (25°C) *	Nil	± 0.99		
Glass Transition Temp. (Calc.) *	°C	64		

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

**Kucryl TPA 64X/55** has limited compatibility with film formers other than similar thermoplastic acrylics.

**Areas of Use**

**Kucryl TPA 64X/55** is recommended as a component in the formulation of the following products:

- **Plastic Coatings**
- **Exterior and interior clear and pigmented coatings on metals**
- **Architectural masonry and coating sealers**
- **Aerosols**

**Application Methods**

**Kucryl TPA 64X/55** may be used in the formulation of spray applied one pack coatings.

**Packaging**

**Kucryl TPA 64X/55** is available in 190Kg net mild steel tight head drums. For alternative packaging requirements please contact our Sales Department

**Storage Stability and Safety**

**Kucryl TPA 64X/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 mixed Xylenes and as such requires special care in handling. Please refer to our MSDS in addition to 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.