

Technical Data Sheet

21 April 2016

THERMOSETTING ACRYLIC in Mixed Solvents

KUCRYL TSA 24S/65

Kucryl TSA 24S/65 is an hydroxylated acrylic copolymer in Xylene/n-Butanol that has been specifically designed for use in high quality industrial single pack stoving coatings where good light-fastness, hardness and durability are required.

Physical Characteristics			Compatibility Characteristics ²	
Parameter	Units	Limits	Solvents	
Non-Volatile Content	%	63 – 67	Alcohols	Compatible
Viscosity (25°C)	Gardner	Z ₆ to Z ₇	Aliphatics	Limited
Acid Value (on solids)	mg KOH/g	10 - 15	Aromatics	Compatible
Colour	APHA	80	Esters	Compatible
Clarity	Nil	Clear	Ketones	Compatible
Specific Gravity (25°C) ¹	Nil	± 1.00	Ethyl Acetate/MEK	Compatible
Viscosity (25°C) ¹	Poise	190 - 300		
Hydroxyl Data on resin solids ¹			Other Film Formers	
Hydroxy Equivalent Mass	Grams	± 710	Amino Resins	Compatible
Hydroxy Content	%	± 2.4	Nitrocellulose	Limited
Hydroxyl Data on resin as supplied ¹			CAB	Compatible
Hydroxy equivalent mass	Grams	± 1090	Isocyanates	Incompatible
Hydroxy Content	%	± 1.56		

Note:

¹ These parameters are provided for information purposes only and do not form part of the product specification.

² Compatibility characteristics are provided for guidelines only. Combinations should be thoroughly checked before use.

Areas of Use

Kucryl TSA 24S/65 is recommended, in conjunction with a suitable melamine resin, in the formulation of the following products:

- **High quality industrial OEM stoving finishes.**
- **Automotive finishes particularly for metallic base coat.**

Application Methods

Kucryl TSA 24S/65 may be used in coatings applied by air/airless spray and curtain coating.

Packaging

Kucryl TSA 24S/65 is packaged in 190Kg net mild steel tight head drums.

Storage Stability and Safety

Kucryl TSA 24S/65 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 both Xylene and Butanol 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.

UOP 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.