

PRODUCT DATA SHEET

Date : 9 March 2016

Maha™ Coalescing Solvent

Maha™ Coalescing Solvent is the premier coalescent for latex paints. It performs well in all types of latex paints, in a variety of weather conditions, and over substrates with different levels of porosity. Maha Coalescing Solvent provides the highest level of film integrity at low levels of coalescent, enhancing the performance properties of the paint including low temperature coalescence, touch-up, scrub resistance, washability, colour development, thermal flexibility, and resistance to mud-cracking. Maha Coalescing Solvent also enhances thickening efficiency when used with associative thickeners.

With a boiling point of 254 °C, (vapour pressure 0.01 kPa @ 20 °C), Maha Coalescing Solvent is not classified as a VOC according to European Union Deco-paint Directive 2004/42/EC (commonly referred to as the Deco-paint Directive); European Union Solvent Emissions Directive); and the China State Environmental Protection agency.

Chemical Type	C-12 Ester solvent
Chemical Formula	C ₁₂ H ₂₄ O ₃
Molecule Weight	216.3

Physical Properties

Colour	Colourless
Boiling point	254 °C
Freezing point	- 50 °C
Flash point (Cleveland open cup)	120 °C
Reflective Index (20 °C)	1.443
Purity (GC), %	≥ 99.0
Water, %	< 0.1
Density, 20 °C, g/cm³	0.95
Evaporation rate (n-butyl acetate = 1)	0.002

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