RUNTAI CHEMICAL
润泰化学

RTC®-16   2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate

Technical Data Sheet

Product Description:

Environmental plasticizer and efficient, "green" coalescent for latex paints. is not classified as a VOC according to European Union Decopaint Directive 2004/42/EC (commonly referred to as the Decopaint Directive); European Union Solvent Emissions Directive); and the China State Environmental Protection agency. Non-VOC status, low toxicity, and biodegradability. Mainly used as low odor coalesent of waterborne coatings.

Product Feature:

*The association type thickener synergistic effect, effectively reduce the use of association type thickener;

*Good solubility and compatibility of various coating systems;

*It is easy to be mixed into latex and does not affect the stability of coating at a higher content；

*Improved paint rheology and pigment wettability;

*Improved film hardness without cracking;

*Improved scrubbing resistance;

Property	Units	Index
Appearance		colourless
Colour	Color, (Pt-Co)	≤15
Relative density(20℃)	g/cm³	0.94-0.95
Acid value	mgKOH/g	≤0.5
Water content	% (w/w)	≤0.1
Content	% (w/w)	≥99.0

Property	Units	Typical Value
Boiling point	℃	281
Refractive Index(25℃)		1.434
Flash point	℃	136
Freezing point	℃	≤-70

Packing method: 200KG/IRON DRUM, 950KG/IBC

Safe use and disposal： For details on safe use and disposal, refer to MSDS for RTC®-16.

Storage: Store in dry and ventilated indoor area, avoid violent collision and raindrop during transportation.