

## Coalescents

# SPOXOL-12 (2,2,4-Trimethyl-1,3-Pentanediol monoisobutyrate)

## Technical Data Sheet

### Product Description:

It is the premier 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 for latex paints and other waterborne coatings film-forming agent.

### Product Feature:

\*The hydrolysis stability is very good and can be used with various kinds of emulsions including pure acrylic emulsions with high PH;

\*When added to latex paint, it is absorbed onto the latex particles, softening the particles and causing better fusion in the paint;

\*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	Pt-Co	≤15
Relative density(20℃)	g/cm <sup>3</sup>	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	℃	255-261
Index of refraction	25℃	1.4423
Flash point	℃	122
Freezing point	℃	≤-50

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

**Safe use and disposal:** For details on safe use and disposal, refer to MSDS for SPOXOL®-12.

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

Disclaimer: according to our latest knowledge, information and concepts, the information provided in this technical data sheet is correct. The information provided is only a guideline for safe operation, use, processing, storage, transportation, disposal and discharge, and is not a guarantee or quality manual. This information applies only to specific substances specified and may not apply to substances that are combined with any other substances or processed in any way, unless otherwise specified here in.