

TECHNICAL DATA SHEET:

SPOXOL-290A is a coalescent .Here are its key details:

Chemical Identity

- **Name:** Diisobutyl adipate
- **CAS No.:** 141-04-8

Key Features

- **Extremely low odor** – ideal for interior decorative paints
- **20–30% higher coalescing efficiency** than RTC-12
- **Improves scrub resistance**
- **Compatible with all latex systems**, including high pH acrylic emulsions
- **Excellent hydrolysis stability**
- **Easily incorporated** with low shear mixing

Specifications

Property	Value
Color (Pt-Co)	≤ 15
Density (g/cm ³)	0.96
Water Content	≤ 0.10 wt%
Refractive Index (25°C)	1.432
Boiling Point (101.3 kPa)	293°C
Flash Point (closed cup)	≥ 110°C
Freezing Point	≤ -20°C

Comparison

SPOXOL-290A is a counter-type of **Solvay CL3101**, known for its performance in low-VOC paint systems, making it a strong candidate for eco-friendly, high-performance applications in architectural coatings.

Let me know if you'd like a comparison chart with other coalescents like RTC-12, RTC-295, or Eastman Texanol.



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