

TECHNICAL DATA SHEET

EPS® 2452

Self-crosslinking multiphase all-acrylic emulsion

MARKET SEGMENTS

Industrial Wood

DESCRIPTION

EPS® 2452 is used as the principal vehicle for white pigmented high-performance furniture and wood finishes where IKEA R2 (coffee and ethanol resistance) performance is necessary.

PROPERTIES

- Capable of meeting IKEA R2 specifications (coffee and ethanol resistance)
- High block resistance
- Good hardness development
- <100g/L VOC capable
- APE-free *

COMMON APPLICATIONS

Topcoat

Specifications

Weight Solids	45.0 +/- 1.0%
Viscosity, 23 °C [mPa·s]	< 250
pH	7.0 - 8.0

Typical Properties

Volume Solids	42.3 +/- 0.7%
Weight/Gallon	8.80 +/- 0.10 lbs.
MFFT	+ 30°C
Volatile(s)	Water, ammonia, propylene glycol (0.074%)

Suggested Coalescing Solvent(s)

DPM	25.00%
DPnB	20.00%
Butyl Cellosolve	25.00%
Butyl Carbitol	25.00%

* Made without APE-containing surfactants

Questions? Call EPS Customer Service @ 1-800-654-4242 / Email: info@eps-materials.com

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TECHNICAL SUPPORT: These guidelines are offered to assist the paint formulator in achieving the high performance properties noted and are offered for illustration purposes only; the paint formulator bears sole responsibility for the performance of the final coating product.

SDS: For details on health, safety and handling information, Safety Data Sheets (SDS) are available at www.epscsa.com.

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