

Sancure™ OM-945

Waterborne Oil-Modified Urethane Dispersion

Sancure® OM-945 is an aliphatic, oil-modified urethane (OMU) dispersion engineered for low VOC, single-pack, interior and exterior wood finishes. Sancure OM-945 dispersion employs proprietary Lubrizol self-crosslinking chemistry combined with oxidative curing technology to ensure a high level of durability for residential and commercial wood floor finish applications. It also eliminates many potential health and environmental hazards associated when external crosslinkers are used in conventional two-component systems. The polymer itself crosslinks on application and continues as it dries – as a result, wood finishes produced with Sancure OM-945 dispersion demonstrate excellent floor-wear characteristics such as resistance to water, chemicals, alcohol and abrasion. Sancure OM-945 dispersion is designed to provide exceptional flow and leveling during application, and rapid hardness development

FEATURES AND BENEFITS

- Abrasion Resistance
- Chemical Resistance
- Contains Bio-Based Content
- Durable
- Non-Yellowing
- Self-Crosslinking
- UV Resistance
- Water Resistance

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	43.0 - 47.0
Appearance	Milky white dispersion
Brookfield Viscosity (cps)	1000 max
Density (lb/gal @ 25 °C)	8.8
Freeze/Thaw Stability	Pass
MFFT (°C)	10
pH Value	7.5 - 9.0
VOC (g/L)	100

REGULATORY

- Low VOC⁴

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings

AVAILABLE REGIONS

- Asia Pacific
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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