

Carboset® CR-7185 Acrylic Emulsion

APEO-Free, Readily coalesced DIY & OEM coatings

Carboset® CR-7185 is an APEO-free acrylic copolymer emulsion designed for air or forced dry coatings on wood, metal and plastic substrates. Carboset CR-7185 resin can be formulated into clear or pigmented finishes suitable for both DIY and industrial (OEM) coatings. Carboset CR-7185 resin is readily coalesced with both ethylene and propylene glycol ethers. This polymer can be readily formulated into brush, roll, spray, dip or flow coatings. Carboset CR-7185 resin has excellent gasoline and solvent resistance, making it suitable for automotive ancillary and general industrial finishes. This hydrocarbon resistance coupled with fast dry and low MVTR (Moisture Vapor Transmission Rate) make Carboset CR-7185 resin an excellent choice for concrete curing membranes and sealers. Carboset CR-7185 resin can be blended with Sancure® 1514 dispersion, waterborne aromatic polyurethane, for additional toughness and wear resistance, when formulated for clear wood finishes for trim and flooring. Typical applications: Clear wood floor finishes | clear concrete sealers | Concrete curing membranes | General industrial finishes | Automotive metal & plastic finishes | Business machine coatings | Implement enamels

FEATURES AND BENEFITS

- Abrasion Resistance
- Adhesion
- Alkali Resistance
- Block Resistance
- Chemical Resistance
- Corrosion Resistance
- Dirt Pick-Up Resistance
- Durable
- Fast Drying
- Glossy
- Hardness
- Humidity Resistance
- Low MVTR
- Scratch Resistance
- Solvent Resistance
- Stain Resistance
- Water Resistance

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	41.0 – 43.0
Appearance	Milky White Dispersion
Brookfield Viscosity (cps)	5 – 100
Freeze/Thaw Stability	Protect from Freezing
MFFT (°C)	40
pH Value	8.0 – 8.7

REGULATORY

- APEO-Free¹

¹Not intentionally added to the composition of this product

APPLICATIONS

- Building & Construction Coatings
- Industrial OEM Coatings
- Protective Coatings
- Transportation Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- 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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