

Carboset® 511

Acrylic Colloidal Dispersion

Carboset 511 resin is an acrylic colloidal dispersion polymer supplied in ammoniated water. Carboset 511 resin produces glossy, hard finishes with good adhesion to a wide variety of plastics, metals and wood. This polymer's small particle size and fast drying characteristics provide solution like polymer properties for waterborne wood stains and sealers. Wood stains can be formulated for both spray application and as wiping stains. Wood sealers made with Carboset 511 resin resist bleeding of pigmented and dye based stains. Carboset 511 resin can also be used to produce temporary, alkali strippable coatings.

FEATURES AND BENEFITS

- Adhesion
- Alkali Strippable
- Fast Drying
- Glossy
- Hardness

CHARACTERISTICS

Characteristic Name	Value
% Volume Solids	27.0
% Weight Solids	30.0
Acid Number (mg KOH/g)	70.0-80.0
Appearance	Translucent Liquid
Brookfield Viscosity (cps)	10-100
Density (lb/gal @ 25 °C)	8.7
Freeze/Thaw Stability	3 cycles
MFFT (°C)	27
pH Value	6.3-7.1
Specific Gravity	1.04
Tg (°C)	55

APPLICATIONS

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

AVAILABLE REGIONS

- Asia Pacific
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 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:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

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