

# Carbaset<sup>®</sup> CR-3100

Acrylic Copolymer Emulsion

## PRODUCT DESCRIPTION

Carbaset<sup>®</sup> CR-3100 is an APEO and formaldehyde-free, styrene-acrylic copolymer emulsion. This water-borne acrylic emulsion offers a single resin for low VOC, direct-to-metal coatings and metal topcoats, and can be formulated for a high gloss finish. Carbaset CR-3100 offers excellent corrosion resistance, chemical and stain resistance, and resistance to the deleterious effects of water and humidity for high performance coatings that look better longer.

Primers formulated with Carbaset CR-3100 emulsion can be top coated with conventional acrylic or urethane topcoats for exceptional durability and corrosion resistance.

## FEATURES/BENEFITS

- APEO-free
- Formaldehyde-free
- Superb adhesion to cold rolled steel, aluminum and galvanized metals
- Excellent corrosion resistance
- Low VOC formulation abilities
- Good chemical resistance for industrial applications
- Good balanced properties of coating hardness and flexibility

## TYPICAL APPLICATIONS

- Transportation finishes for heavy machinery and agricultural implements
- Truck and trailer components
- Commercial finishes for metal buildings and structural members
- Industrial maintenance coating for light and medium duty applications

## PHYSICAL CHARACTERISTICS

Appearance (wet)	Milky White Liquid
Total Solids by Weight, %	43.5
Specific Gravity (@ 23 °C)	1.05
Density, lbs/gal (g/ml)	8.8 (1.05)
Brookfield Viscosity, cps	< 500
pH	8.0
T <sub>g</sub>	28 °C
MFFT	9.4 °C
Freeze-Thaw Stability	Protect From Freezing

\*Property values represent typical results only and are not to be considered specifications

## SHELF LIFE/STORAGE

Lubrizol recommends retesting the quality 1 year after the date of manufacture. Store unopened containers indoors at temperatures between 7°C - 35°C (45°F - 95°F). Store in location protected from freezing.

## REGULATORY STATUS

Please see the product's current Safety Data Sheet, SDS, for regulatory information. You can request a SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

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