

**Carboset® CA1009**

Acrylic-Polyurethane Emulsion

Carboset® CA 1009 is an APEO, formaldehyde, and NMP-free water-based acrylic / polyurethane hybrid polymer designed for formulating roof topcoats and primers. It can be formulated into coatings under 50 g/L VOC (USA). Carboset CA 1009 demonstrates excellent bitumen bleed-through resistance, making it ideal for use on new or weathered bitumen substrates. Carboset CA 1009 can be applied over a variety of roof and facade construction materials, including asphaltic roofing plies, concrete block, brick, stucco, EIFS and fiber-cement. It can be used as a topcoat or self-priming system, allowing customers to leverage a single polymer for multiple construction applications. Carboset CA 1009 has excellent alkali resistance, making it suitable for use over fresh (high pH) masonry surfaces.

**FEATURES AND BENEFITS**

- Adhesion
- Alkali Resistance
- Dirt Pick-Up Resistance
- Durable
- Elastomeric
- High Solids
- Tear Resistance
- Toughness
- UV Resistance
- Weatherability

**CHARACTERISTICS**

Characteristic Name	Value
% Weight Solids	54.0-56.0
Appearance	White Liquid
Brookfield Viscosity (cps)	150-800
Density (g/cc @ 25 °C)	1.1
Density (lb/gal @ 25 °C)	9.16
pH Value	7.5 - 9.0
Tg (°C)	7

## REGULATORY

- APEO-Free<sup>1</sup>
- Formaldehyde-Free<sup>1</sup>
- Low VOC<sup>4</sup>
- NMP-Free<sup>1</sup>

<sup>1</sup>Not intentionally added to the composition of this product

<sup>4</sup>Suitable 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

## AVAILABLE REGIONS

- Asia Pacific
- EMEA

## 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](http://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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