

### Carbotac™ 1814

High solids, pressure-sensitive, mechanically stable

Carbotac™ 1814 acrylic emulsion is an acrylic-based polymer designed for formulating into pressure-sensitive adhesives. Carbotac 1814 offers many features including a wide range of adhesive properties, excellent run ability at high and low speeds, specific adhesion and solvent/plasticizer resistance. Carbotac 1814 offers consistent performance and ease of compound ability. Carbotac 1814 is a 55% solids, anionically stabilized acrylic emulsion. It has a viscosity of 80 cps and is moderately shear thinning. It gives substantially no viscosity increase with increasing pH.

### FEATURES AND BENEFITS

- Film Clarity
- High Cohesive Strength
- High Solids
- Mechanical Stability
- Moderate Tack and Peel
- Oil Resistance
- Plasticizer Resistance
- Pressure Sensitive

### CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	54.5 – 57.5
Appearance	Liquid
Brookfield Viscosity (cps)	10 – 200
Density (lb/gal @ 25 °C)	8.25
Freeze/Thaw Stability	Keep from freezing
pH Value	2.5 – 4.5
Tg (°C)	-30

### REGULATORY

- APEO-Free<sup>1</sup>
- FDA

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

## APPLICATIONS

- Building & Construction Coatings
- Packaging Adhesives
- General Paper & Nonwovens

## 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](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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