

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-Free¹
- FDA

¹Not 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.

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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