



**Owensboro Specialty Polymers, Inc.**  
Chemistry that Connects, People that Care

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# DARATAK<sup>®</sup> 17-200

## Adhesive Emulsion

Daratak 17-200 is a low-medium viscosity, general purpose polyvinyl acetate homopolymer emulsion, noted for its superior compounding and machining stability.

Daratak 17-200 is hydrolyzed polyvinyl alcohol (PVOH) stabilized which imparts better shelf life with less settling. This emulsion exhibits particularly good receptivity to solvents, acids, and plasticizers.

Daratak 17-200 finds applications in a wide range of adhesive compounds for wood gluing and paper packaging, textile sizing, and finishing. It has excellent adhesion and fiber tear on wood substrates.

### PRODUCT SPECIFICATIONS

|                  |  |
|------------------|--|
| Total Solids     | 54-56%   |
| pH               | 4.5-6.0  |
| Viscosity        | 1500-2000 cps (Brookfield #3 spindle, 60 rpm, 25° C) |
| Residual Monomer | <1%  |

### TYPICAL LATEX PROPERTIES

|  |   |
|--|---|
| Description                            | Milky white liquid with a slight vinegar odor |
| Average Particle Size                  | 1.5 microns (approximate)                     |
| Weight/gallon, Emulsion                | 9.1 pounds                                    |
| Weight/gallon, Solids                  | 9.93 pounds                                   |
| Specific Gravity                       | 1.19  |
| Mechanical Stability                   | 20+ minutes                                   |
| Borax Compatibility                    | No  |
| Freeze Thaw Stability                  | Yes   |
| Shelf Life Recommendation <sup>1</sup> | 1 year  |
| Recommended Storage Temperature        | 35-85° F                                      |

### TYPICAL FILM PROPERTIES

|                       |                          |
|-----------------------|--------------------------|
| Color/Clarity         | Clear with a slight haze |
| Gloss                 | Medium                   |
| Odor                  | None                     |
| Water Resistance      | Fair                     |
| Light Stability       | Excellent                |
| Aging Characteristics | Excellent                |
| Film Consolidation    | Fair                     |
| Tg                    | 31° C                    |

### FDA CLEARANCES

Components of this emulsion comply with FDA regulation 175.105 and 176.170 for use in food packaging, adhesives, and coatings.

1. Maximum recommended shelf life under optimal storage conditions. Shelf life will vary depending on storage conditions.

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