



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

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# DARATAK<sup>®</sup> 90L

## Adhesive Emulsion

Daratak 90L is an acrylic-containing, high viscosity, pressure sensitive terpolymer emulsion which dries to a permanently tacky film. It is specifically designed for adhering to a wide range of non-porous substrates.

Daratak 90L may be used alone or blended with elastomeric polymer emulsions used in pressure sensitive applications. It can be modified with tackifying resins or other polymers to give a wide range of pressure sensitive properties. Daratak 90L has cold temperature resistance.

### PRODUCT SPECIFICATIONS

Total Solids	54-57%
pH	4.5-5.5
Viscosity	2000-4000 cps (Brookfield #4 spindle, 60 rpm, 25° C)
Residual Monomer	<1%

### TYPICAL LATEX PROPERTIES

Description	Milky white liquid with a slight vinegar odor
Average Particle Size	1.0 microns (approximate)
Weight/gallon, Emulsion	9.1 pounds
Weight/gallon, Solids	9.35 pounds
Specific Gravity	1.12
Mechanical Stability	20+ minutes
Borax Compatibility	Yes
Freeze Thaw Stability	No
Shelf Life Recommendation <sup>1</sup>	1 year
Recommended Storage Temperature	35-85° F
Particle Charge	Negative

### TYPICAL FILM PROPERTIES

Color/Clarity	Clear
Gloss	High
Odor	None
Water Resistance	Exceptional
Light Stability	Excellent
Aging Characteristics	Excellent
Film Consolidation	Excellent
Tg	-18° C

### FDA CLEARANCES

Components of this emulsion comply with FDA regulation 175.105, Adhesives.

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

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