



RayCryl 604A Technical Bulletin

All Acrylic Emulsion

RayCryl 604A is a high performance, all acrylic emulsion polymer for industrial wood and concrete applications. Coatings formulated with RayCryl 604A are durable, and have excellent adhesion. RayCryl 604A was specifically designed to crosslink with zinc, and is compatible with polyurethane dispersions. This capability further enhances the coating's overall performance properties, including its chemical resistance.

Suggested Uses

- Industrial wood coatings
- Concrete coatings

Key Features

- Excellent adhesion
- Crosslinkable with zinc
- Compatibility with PUDs

RayCryl 604A Typical Physical Properties

Polymer type	Acrylic emulsion polymer
Weight solids	44.0 – 46.0 %
Viscosity (Brookfield Model RVT)	1000 - 2000 cps, #5/100 rpm
pH	8.0 – 9.0
Tg (MDSC)	79°C
MFFT (ASTM D-2354)	72°C
Particle size (Mean)	0.10 microns
Surfactant charge	Anionic
Weight per gallon	9.00 lbs/gal
Bulking value	0.1111 gal/lb
Freeze thaw stability	Do Not Freeze

For 40 years, Specialty Polymers has been developing state of the art resins for the paint and coatings industry. With more than 250 products to choose from, Specialty Polymers has the right polymer to meet your needs.

IMPORTANT INFORMATION

If any product is defective in workmanship or materials, Specialty Polymers, Inc. will replace the product. The information contained in this Technical Bulletin is intended to be a guideline. It is offered in good faith, but without guarantee. We recommend users of the product perform their own testing to determine the suitability of the product in their application.