



## **RayCryl 718i Technical Bulletin** Self-crosslinking Acrylic Polymer

RayCryl 718i is a self-crosslinking acrylic emulsion polymer with excellent adhesion to wood and concrete substrates. Specifically designed to have a low level of surfactant, RayCryl 718i exhibits low foaming characteristics. This feature makes it an ideal product for flat line industrial applications. Coatings formulated with RayCryl 718i have excellent block and water resistance.

### **Suggested Uses**

- Industrial primers and topcoats for interior and exterior wood products
- Industrial concrete sealers

### **Key Features**

- Excellent adhesion to wood and concrete
- Excellent block and water resistance
- Low surfactant levels, low foaming

### **RayCryl 718i Typical Physical Properties**

Polymer type	Acrylic emulsion polymer
Weight solids	48.0 – 50.0%
Viscosity (Brookfield Model RVT)	100 – 500 cps, #2/100 rpm
pH	8.5 – 9.5
Tg (MDSC)	25°C
MFFT (ASTM D-2354)	16°C
Particle size (Mean)	0.14 microns
Surfactant charge	Anionic
Weight per gallon	8.79 lbs/gal
Bulking value	0.1138 gal/lb
Freeze thaw stability	Passes 5 cycles

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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.