



## RayRez 191 Technical Bulletin

### Styrene Acrylic Polymer

RayRez 191 is a styrene acrylic emulsion with a unique technology that allows low film formation temperature providing excellent block resistance. This technology allows RayRez 191 to be formulated as either a low VOC or low energy cure product. Coatings formulated with RayRez 191 exhibit excellent flow, leveling properties and excellent adhesion. RayRez 191 is also available as an additive to provide improvements in current formulations. These improvements give increased block resistance, adhesion and chemical resistance.

#### Key Features

- Excellent adhesion to a wide variety of substrates
- Outstanding block resistance
- Improves freeze thaw cycles
- Low VOC applications
- Improves film properties as an additive

#### RayRez 191 Typical Physical Properties\*

Polymer type	Styrene acrylic emulsion polymer
Weight solids	50%
Viscosity (Brookfield Model RVT)	770 cps, #3/100 rpm
pH	9.3
Tg (MDSC)	15°C
MFFT (ASTM D-2354)	7°C
Particle size (Mean)	0.10 microns
Surfactant charge	Nonionic
Weight per gallon	8.7 lbs/gal
Freeze thaw stability	Passes 5 cycles

*\* These properties are typical, but do not constitute specifications*

For more than 45 years, Specialty Polymers has been developing state of the art resins for the paint, coatings and adhesive industries. With more than 300 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.