



RayCryl 709 Technical Bulletin

Self-crosslinking All-Acrylic Emulsion

RayCryl 709 is a self-crosslinking acrylic emulsion designed for low VOC coatings, sealers and stains on wide range of substrates. Its unique core-shell technology provides good water resistance and hardness with low coalescent demand. It has outstanding UV durability that allows it to be formulated into exterior coatings for both wood and cement based substrates.

Key Features

- Outstanding UV durability
- Excellent water resistance
- APEO-free
- Core shell technology
- Low VOC

RayCryl 709 Typical Physical Properties*

Polymer type	All acrylic emulsion polymer
Weight solids	48%
Viscosity (Brookfield Model RVT)	800 cps, #3/100 rpm
pH	8.6
Tg (MDSC)	26°C
MFFT (ASTM D-2354)	22°C
Particle size (Mean)	0.08 microns
Surfactant charge	Anionic
Weight per gallon	8.7 lbs/gal
Freeze thaw stability	Do not freeze

** 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.