**PRODUCT DESCRIPTION**

*Quench™ Rx AC* is the trade name for a new line of flame retardant acrylic dispersions which incorporate JAINCHEM’s proprietary *Quench™* flame retardant technology. The *Quench™ Rx AC* products were specifically developed to maximize flame retardant performance and range of use in water-based adhesives and coatings.

**Typical Properties**

- Total Solids (%) 45.0
- Bromine Content (%) 17.0*
- pH 9.0
- Viscosity (cps) 1,500
- Density (lbs/gallon) 10.5
- Appearance white liquid

*Note 21.0 % bromine for “HP” grades

**Application Methods**

*Quench™ Rx AC* products can be added directly to most neutral or alkaline pH, water-based coating and adhesives systems. Often they can simply be diluted with water and applied directly to the substrate to be flame retarded. Typical application rates range from 20% to 30% *Quench™ Rx AC* solids based on the total weight of the finished material.

*Quench™ Rx AC* forms very stable dispersions in water at any concentration, using only minimal agitation. Product separation and settling occurs very slowly once agitation is removed. In general, *Quench™ Rx AC* dispersion stability improves at higher pH. Dispersion stability is greatly reduced at pH’s below 6.5.

*Quench™ Rx AC* products can be dried using any conventional system utilized for drying materials or composites manufactured with water-based coatings and adhesives. *Quench™ Rx AC* is stable to temperatures in excess of 425°F. Use of water or composites manufactured with water or composites manufactured with water based adhesives and coatings.

**MARKET USES**

- Textile Coatings
- Paper / Film Laminating
- Construction Adhesives

**Packaging**

*Quench™ Rx AC* products are available in 55 gallon drums, 275 gallon totes, and in bulk tanker loads.

**Handling / Storage Stability**

Keep from freezing. Store in cool, dry area i.e., 70-80°F. Keep away from high heat to retain a six-month shelf life.

**Product Safety**

JAINCHEM’s *Quench™ Rx* flame retardant technology contains no HAPS, VOC’s, or SARA reportable compounds. Any reportable or regulated content in *Quench™ Rx AC* products results from trace raw materials present in the various acrylic binders used to manufacture each *Quench™ Rx AC* product.

*Quench™ Rx AC* products are classified as non-hazardous liquids. As with all industrial chemicals, basic handling precautions are recommended. Avoid skin contact. Avoid mist inhalation or eye contact. Wear protective clothing and goggles if there is a chance of exposure. Prolonged skin contact may produce irritation.

When considering the use of JainChem and Ulterion International products, please refer to the latest Material Safety Data Sheets (MSDS). If you require an MSDS for this product; please call (864) 609-0910 or your JainChem or Ulterion International Representative.
### The Quench™ Rx AC Series

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<tr>
<th>Product Designation</th>
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Note: Higher bromine “HP” grades available