



# TECHNICAL DATA SHEET

## Performance Copolymer Coating

### GENERAL DESCRIPTION

AquaBright™ is a copolymer of ethylene and methacrylic acid, made with nominally 10 wt% methacrylic acid. It is inherently flexible without the need for plasticizers. The resin is pigmented and UV-stabilized for exterior applications.

Aqua Bright™ is a revolutionary pool finish that virtually eliminates all of traditional plaster and paint coating shortcomings. It is resistant to chipping, peeling and scratching. It cures in seconds and is extremely durable. Aqua Bright is very eco-friendly because it greatly reduces the use of chemicals to balance pH. Also, the amount of fossil fuels needed to mine, transport and apply plaster are no longer used. So, whether you are renovating or building a new swimming pool, AquaBright is the wave of the future when seeking a plaster or paint alternative.

### Typical Characteristics

Composition : 10 % By Weight Methacrylic Acid comonomer content

### Typical Properties

| Physical                        | Nominal Values         | Test Method(s) |          |
|---------------------------------|------------------------|----------------|----------|
| * Density ( )                   | 0.93 g/cm <sup>3</sup> | ASTM D792      | ISO 1183 |
| * Melt Flow Rate (190°C/2.16kg) | 450 g/10 min           | ASTM D1238     | ISO 1133 |

| Thermal                   | Nominal Values | Test Method(s) |          |
|---------------------------|----------------|----------------|----------|
| * Melting Point (DSC)     | 98°C (208°F)   | ASTM D3418     | ISO 3146 |
| Freezing Point (DSC)      | 69°C (156°F)   | ASTM D3418     | ISO 3146 |
| Vicat Softening Point ( ) | 65°C (149°F)   | ASTM D1525     | ISO 306  |

### Safety & Handling

AquaBright™ is produced with a methacrylic acid copolymer resin and considered by manufacturer as supplied, not considered hazardous materials. As with any hot material, care should be taken to protect the hands and other exposed parts of the body when handling molten polymer. At recommended processing temperatures, small amounts of fumes may evolve from the resins. When resins are overheated, more extensive decomposition may occur. Adequate ventilation should be provided to remove fumes from the work area. Disposal of scrap presents no special problems and can be by landfill or incineration in a properly operated incinerator. Disposal should comply with local, state, and federal regulations. Residual powder can be a slipping hazard. Loose powder should be swept up promptly to prevent falls. For more detailed information on the safe handling and disposal of AquaBright™, a Material Safety Data Sheet can be obtained by contacting your sales representative.