

### INTRODUCTION

UCECRYL® B 3034 is a pure acrylic emulsion for clear and pigmented sealers.

### SOLVENT

Water

### TYPICAL PROPERTIES

<b>Density (Liquids) DIN 53217 T4:</b> DIN 53217 T4 (25 °C)	1.04 g/ml
<b>MFFT:</b> ASTM D 2354, STM 087A	35 °C
<b>Glass transition point:</b> STM 004F	40 °C
<b>Particle size:</b> STM 016A	100 nm
<b>Appearance:</b> STM 017A	White opaque liquid
<b>Non-volatile content:</b> DIN EN ISO 3251	45 %
<b>Dynamic Viscosity (Brookfield) DIN EN ISO 2555:</b> DIN EN ISO 2555, ASTM D 2196 (2; 100 1/min; 25 °C)	
<b>pH (20 - 25 °C):</b> STM 007A	8.0

### PRODUCT DESCRIPTION

UCECRYL® B 3034 is a fine particle size pure acrylic emulsion recommended for use in formulated clear and pigmented sealers. UCECRYL® B 3034 is manufactured without the use of alkyl phenol ethoxylated surfactants, formaldehyde, or formaldehyde generating raw materials.

### APPLICATION

Sealers based on UCECRYL® B 3034 can be used for both interior & exterior applications as an alternative to traditional solvent based solution acrylic sealers, where excellent film hardness development, water whitening, chemical and hot tyre pick-up resistance can be expected. To achieve optimal film properties it is recommended to use a fast evaporating coalescing solvent such as DPnB. Target applications include garage floors, pavers, porches, stamped concrete and brick. Starting point formulations are available on request.

### KEY BENEFITS

- Water-based
- High gloss
- Durable polymer
- Low VOC formulation
- Low Odour
- Hot tyre pick up resistance
- Water whitening resistance
- Option to replace solvent based acrylics
- Can be tinted or pigmented

### STORAGE

UCECRYL® B 3034 should be stored under cover, out of direct sunlight and avoiding extreme temperature changes. Under normal storage conditions (5 – 35°C, away from extremes) sealed, unopened containers of this material would have a shelf life of 12 months from the date of manufacture. If stored for longer than 12 months, product must be re-checked for suitability in the intended application.

### SAFETY

Refer to Safety Data Sheet before handling or use.