

INTRODUCTION

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

SOLVENT

Water

TYPICAL PROPERTIES

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

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.