Paints & Coatings

Universal dispersions

CHP 505

Polymer: Styrene Acrylic

Tg: 17 °C

Solids: 50 %

Particle size: 100 nm

Biocide status: MIT free

Special features: Excellent pigment binding capacity, Outstanding water resistance, Outstanding scrub resistance also in high PVC formulations

Application: Interior paints, Masonry coatings, Primers, Plasters, Putties, Lacquers, Clear lacquers

CHP 506

Polymer: Styrene Acrylic

Tg: 17 °C

Solids: 48 %

Particle size: 180 nm

Biocide status: MIT free

Special features: Water glass compatible, Very good pigment binding capacity, Good hardness development, Ammonia free

Application: Silicate paints, Interior paints, Masonry coatings, Primers, Plasters, Putties

CHP 510

Polymer: Styrene Acrylic

Tg: -5 °C

Solids: 49 %

Particle size: 100 nm

Biocide status: MIT free

Special features: Excellent pigment binding capacity, Outstanding water resistance, Outstanding scrub resistance also in high PVC formulations, Good hardness development

Application: Interior paints, Masonry coatings, Primers, Plasters, Putties

CHP 535

Polymer: VAc Acrylic

Tg: 19 °C

Solids: 65 %

Particle size: 600 nm

Biocide status: CIT/MIT < 15 ppm

Special features: Wide formulation scope due to high solids, Excellent cost / performance balance, Good scrub resistance, Non ionic

Application: Interior paints, Putties

Flexible coatings and sealants

CHP 517

Polymer: Styrene Acrylic

Tg: -2 °C

Solids: 60 %

Particle size: 500 nm

Biocide status: MIT free

Special features: Good elasticity, Good alkali resistance, High solids, Low odour, Compatible with Portland cement, Can be used as co-binder to improve elasticity

Application: Low odour sealants, Thick film coatings, Plasters, Caulks and sealants

CHP 557

Polymer: Acrylic

Tg: -21 °C

Solids: 60 %

Particle size: 500 nm

Biocide status: MIT free

Special features: High flexibility, Compatible with Portland cement, Good water resistance, Good crack bridging properties, Good alkali resistance, Can be used as co-binder to improve elasticity

Application: Masonry coatings, Plasters, Caulks and sealants, Glues

CHP 580

Polymer: VAc Versatate

Tg: 4 °C

Solids: 47 %

Particle size: 400 nm

Biocide status: CIT/MIT < 15 ppm

Special features: Outstanding adhesion to concrete, Compatible with Portland cement, Good alkali resistance

Application: Concrete sealers under self levelling toppings, Modification of Portland cement mortars

CHP 585

Polymer: Acrylic

Tg: 10 °C

Solids: 30 %

Particle size: 50 nm

Biocide status: MIT free

Special features: Excellent penetration and binding properties, Hydrophobic polymer film with good water vapour permeability, Hydrosol, ultrafine particle size, Sealer before painting. Applied as such diluted to 10% solids.

Application: Interior primers, Masonry primers, Sealers, Gypsum board sealers

CH POLYMERS

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Paints & Coatings

Exterior and interior acrylics

CHP 550

Polymer: Acrylic

Tg: -2 °C

Solids: 48 %

Particle size: 120 nm

Biocide status: MIT Free

Special features: Excellent gloss potential, Outstanding wet scrub resistance, Good dirt pick-up resistance, Good blocking resistance, Excellent exterior durability, Good adhesion

Application: Interior paints, Masonry coatings, Primers , Plasters, Facade paints for wood, Wood stains, Clear Lacquers

CHP 555

Polymer: Acrylic

Tg: 48 °C

Solids: 48 %

Particle size: 110 nm

Biocide status: MIT Free

Special features: Excellent gloss potential, Outstanding wet scrub resistance, Good blocking resistance, Good adhesion to multiple substrates (incl DTM), Excellent exterior durability, Good adhesion. Can be used as co-binder to adjust hardness.

Application: Trim paints, Metal paints, Clear Lacquers

CHP 556

Polymer: Acrylic

Tg: 22 °C

Solids: 60 %

Particle size: 300 nm

Biocide status: MIT Free

Special features: High solids for wood, Excellent adhesion on wood. Thick layer coating for wood.

Application: Facade paints for wood, Primers and medium coatings for wood

CHP 559

Polymer: Acrylic

Tg: 22 °C

Solids: 46 %

Particle size: 110 nm

Biocide status: MIT Free

Special features: Excellent UV durability, Excellent water whitening resistance, High hydrophobicity also suitable for transparent and semitransparent products, Excellent adhesion

Application: Interior paints, Masonry coatings, Primers, Plasters, Facade paints for wood, Wood stains

CHP 570

Polymer: Versatate Acrylic

Tg: 27 °C

Solids: 44 %

Particle size: 90 nm

Biocide status: MIT Free

Special features: Excellent water resistance and water whitening resistance, Excellent corrosion resistance, Excellent chemical and stain resistance, DTM, Adhesion to metal

Application: Interior paints, Masonry coatings, Anti-corrosive Primers, Metal paints, DTM, Mosaic stone plasters, Wood stains, Clear Lacquers

CH POLYMERS

Paints & Coatings

Specialty

CHP 536

Polymer: Acrylic

Tg: 10 °C

Solids: 48 %

Particle size: 100 nm

Biocide status: MIT Free

Special features: Excellent mechanical properties, Stain resistance functionality, Easy stain removal

Application: Interior paints, High quality interior paints, Wet room paints

CHP 581

Polymer: VA

Tg: 12 °C

Solids: 44 %

Particle size: 600 nm

Biocide status: MIT Free

Special features: Locking of dicoloring agents especially tannins, Excellent adhesion on wood, Low water uptake, Knot sealing properties, Nicotine and tannin sealer

Application: Interior primers and exterior wood primers

CHP 553 FREE

Polymer: Acrylic

Tg: -3 °C

Solids: 50 %

Particle size: 100 nm

Biocide status: MIT Free

Special features: Versatile acrylic binder for multiuse in indoor, Primers and masonry coatings, Very low VOC & SVOC, Low odour, Excellent pigment binding capability, No biocide in dispersion, pH >10

Application: Interior paints, Masonry coatings, Primers , Plasters, Kids rooms, Low odour paints

CHP 553

Polymer: Acrylic

Tg: -3 °C

Solids: 50 %

Particle size: 100 nm

Biocide status: MIT Free

Special features: Versatile acrylic binder for multiuse in indoor, Primers and masonry coatings,e, Very low VOC & SVOC, Excellent pigment binding capability

Application: Interior paints, Masonry coatings, Primers , Plasters, Kids rooms, Low odour paints

CH POLYMERS

Paints & Coatings

Rheology modifiers and dispersants

CHP 701

Polymer: Acrylamideacrylate

Solids: 16 %

pH: 8–9

Food Contact Compliance: BfR, FDA

Biocide status: MIT containing

Special features: Exceptionally viscous under high shear, Superior runnability via blade load control

Application: Rheology modifier for packaging paper and board graphical papers, Paints & coatings

CHP 713

Polymer: Acrylate

Solids: 30 %

pH: 4,5–5,5

Food Contact Compliance: BfR, FDA, GB

Biocide status: MIT containing

Special features: Alkali swellable polymer, Excellent water retention, High thickening effect at low dosage rate

Application: Rheology modifier for packaging paper and board graphical papers, Paints & coatings

CHP 804

Polymer: Sodium salt of polycarboxylic acid

Solids: 44 %

pH: 7–9

Food Contact Compliance: BfR, FDA

Biocide status: MIT containing

Special features: Anionic dispersing agent, Ideal for kaolin clay and calcium carbonate, Ammonium free

Application: Dispersing agent for coating color pigments, Paints & coatings, Pigment slurries

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